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MICHELL'S

1916

SUMMER  
CATALOGJuly and August  
26th Year

RECEIVED

JUG 6 1916 ☆

mic and Systematic Botany

**The IDEAL STRAWBERRY**  
**Senator Dunlap (Perfect)**

It ripens early and continues in bearing a long while. In favorable growing weather it retains its size up to the end of the season. The color is beautiful, the berry large and solid and its cropping qualities are unsurpassed. You will be safe in counting on this variety as a producer of the best strawberry crop you ever harvested.

PRICE: Pot-Grown Plants, 75c per dozen; per 100, \$5.00; \$40.00 per 1000.

HENRY F. MICHELL COMPANY  
endeavor to send out only the very  
best quality of Seeds, Bulbs and  
Plants, but cannot guarantee re-  
sults of crops. If customers do  
not accept these goods on the  
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518 MARKET STREET

PHILADELPHIA

Nurseries and Greenhouses : Andalusia, Pa.



## BUSINESS TERMS

We Especially Invite Charge Accounts. A charge account is more convenient than to remit for each order at the time it is sent us; you pay no more for your goods by reason of this accommodation. As to our responsibility, we refer you to Dun's or Bradstreet's Mercantile Agency.

When sending your first charge order, refer, preferably, to someone with whom you have a charge account. This saves many a delay. When sending us your first order accompanied by remittance, we prefer bank cashier's check or money order, unless cash is sent; this frequently saves delays.

Goods can be sent C. O. D., with the exception of perishable items, which includes plants and cold-storage bulbs. These cannot be sent C. O. D. unless a partial remittance accompanies the order.

## SHIPPING INSTRUCTIONS

Always state clearly by what method you want goods forwarded, otherwise we will ship according to our best judgment.

## INVITATION

All customers and others interested in horticulture or agriculture are cordially invited to visit our plant establishment at Andalusia Station (N. Y. Division of P. R. R.) about 16 miles from Philadelphia. In the spring, summer and autumn we invariably have interesting displays of hardy flowers, etc. This invitation applies to our city establishment as well, at 518 Market Street, Philadelphia.



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To points where baggage-master or package service is in operation, we can ship all orders, which can be packed in one parcel or piece, not exceeding 50 pounds in weight, free of transportation charges at prices quoted in this catalogue. Fertilizers in more than 25-lb. lots, or bulky packages, are not accepted by baggage-master service. Our wagon delivery also covers many sections of Philadelphia.

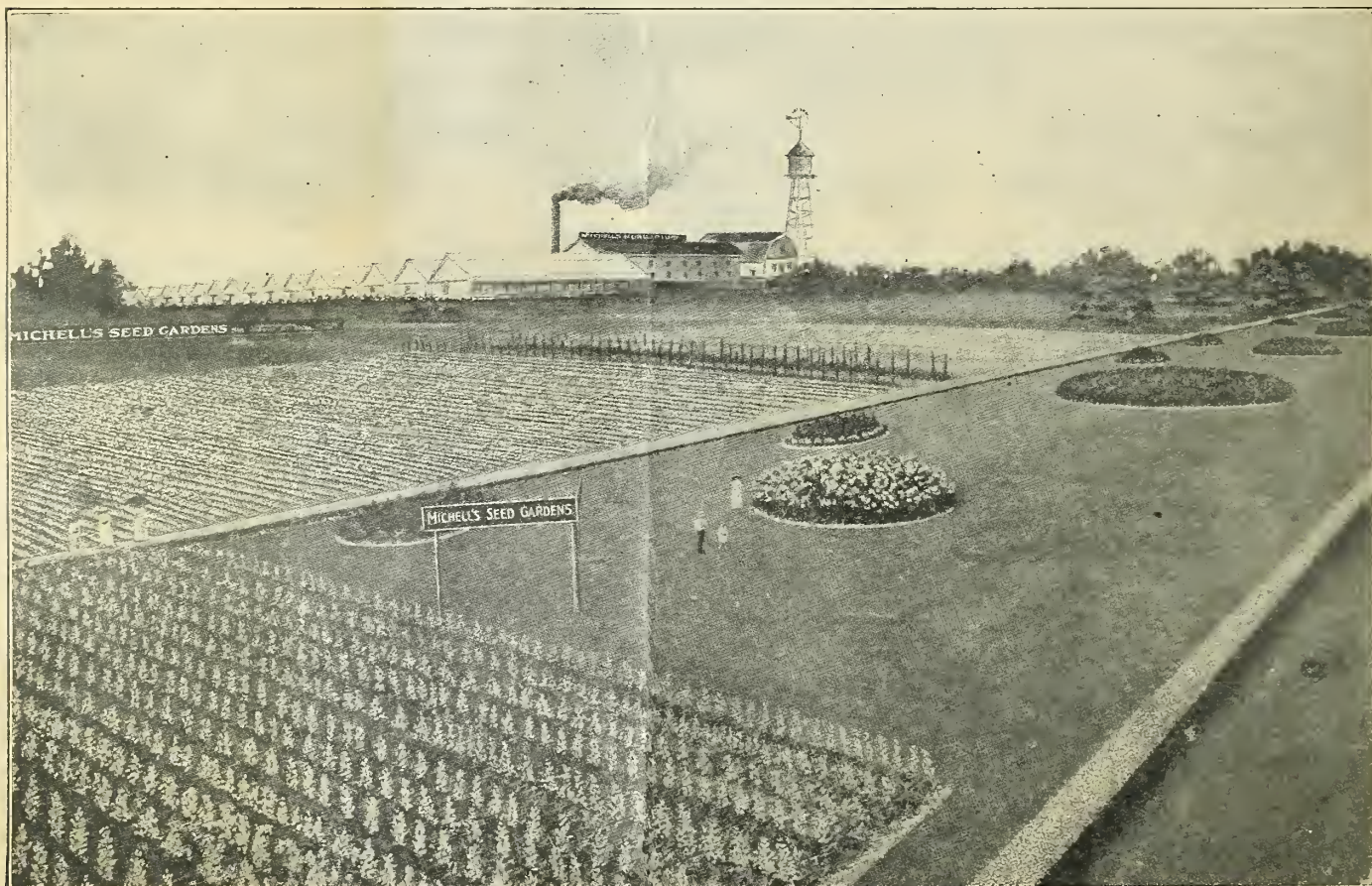
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A Partial View of Michell's Nurseries, Andalusia, Pa.



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**MICHELL'S SEED HOUSE**

**518 MARKET STREET**

**PHILADELPHIA**





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## 2 MICHELL'S POT GROWN STRAWBERRY PLANTS

**EXTRA SELECTED STOCK—Strong and Well Rooted. Will Yield a Full Crop of Berries Next Season. Ready About August 15th.**

The time of shipment is from about August 15th to October 1st. The advantages in planting pot-grown strawberry plants are realized by a full crop of berries the following year. Our plants are carefully grown in clay pots and, prior to shipment, are transferred with the original ball of earth at their roots to substantial paper pots in which they are forwarded, thus insuring the buyer getting them in first-class order and reducing the transportation charges about 25 per cent.

**It is Advisable to Send Strawberry Plants by Express Only, as They Cannot be Successfully Shipped by Mail, and by Freight the Risk of Delay is too Great. Plants Take a Special Low Express Rate.**

**Layer Plants of Strawberries** may be obtained about October 1st. Layer plants will yield a moderate crop of berries the season following, and are recommended (because of their low cost) where one has a very large number to plant.

**Note**—Some varieties which are marked P. are pistillate (or imperfect flowering), and while they embrace often the best kinds, it will be necessary in order to get fruit to plant bisexual (or perfect) flowering sorts near them. About five imperfect to one perfect flowering is the general rule.

### CULTURAL NOTE ON STRAWBERRIES

Strawberries delight in good rich soil, that has had plenty of manure added to it. The plants should be set 12 to 15 inches apart, in rows 2 feet apart. A row 100 feet long requires approximately 75 to 100 plants or about 14,500 per acre. If the weather is dry, when planting, water well at the time and for a few days thereafter, if it is possible. Press the soil well around the ball, when planting, and keep the soil well cultivated, cutting off all runners that may form. At the approach of permanent winter it pays to cover the entire bed to a depth of 2 inches with clean straw or salt hay. This protects the plants during severe weather. Do not use leaves, as they hold the moisture and cause damage to the plants in winter. At the approach of spring, rake the covering from the plants proper and leave it between the rows; this will serve as a mulch during the summer, protect against drought, and also keeps the fruit more free from sand, at the same time to a large measure controls the growth of weeds. In planting Strawberries, keep in mind that there are perfect and imperfect or pistillate flowering kinds. The first type of blossom is shown by cut No. 1 below; the pistillate type by cut No. 2. The perfect flowering produce freely alone, while the pistillate



No. 1

sorts require hybridizing with the pollen, which is generally accomplished by bees. Pistillate sorts embrace some of the finest varieties, but in planting them, every fourth or fifth plant should be of a perfect flowering type to insure an abundance of fruit.



No. 2



*A husky developed specimen like this can't fail but give you satisfaction*

### EARLY VARIETIES

**Abington (Perfect).** A strong, vigorous grower, with rich, dark green leaves. Perfect blossom and is quite large, twenty-five berries often filling a quart box. In color it is bright red, with firm flesh and good flavor. The plant is a thrifty, healthy grower and very productive. The large foliage amply protects both flowers and fruit. A splendid sort for preserving and canning. We have flattering reports concerning this variety from different sections of the country, and we consider it one of the best of the early sorts. 70c. per doz.; per 100, \$4.00; \$37.50 per 1000.

**Marshall (Perfect).** This berry is claimed to have but one fault, and that is its inability to hold up the immense trusses of berries it produces. It is large, very firm and of the best quality. 60c. per doz.; per 100, \$3.50; \$30.00 per 1000.

**Senator Dunlap (Perfect. Early).** See colored illustration on first cover page. This grand Strawberry will please the most critical person. One of the first to yield and continues well into the height of the season. It cannot be recommended too highly. 75c. per doz.; per 100, \$5.00; \$40.00 per 1000.

**Success (Perfect).** This wonderful berry is all that its name implies; it is a success from start to finish. Very vigorous grower; large fruit of high color and firmness, regular shape and a wonder in productiveness. Begins to ripen early and continues several weeks, retaining its large size all season. 60c. per doz.; per 100, \$3.50; \$30.00 per 1000.

**Wildwood (Perfect).** A berry that will be in great favor on account of the large size and the aroma and flavor of the wild strawberry. Highly recommended for home use. 60c. per doz.; per 100, \$3.50; \$30.00 per 1000.

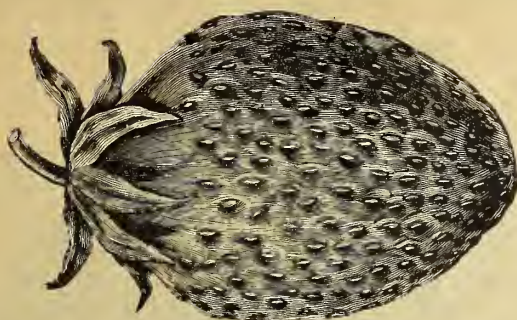
**NOTE**—About October 1st we can furnish Layer Plants of any of the above varieties at 25c. per doz.; per 100, \$1.25; \$7.50 per 1000.



# MICHELL'S POT GROWN STRAWBERRY PLANTS <sup>3</sup>

## MID-SEASON VARIETIES

See Special Cultural  
Note on Page 2



"Auto"

**Auto** (Perfect). A bush-like plant, which makes but few runners, with many strong fruiting crowns. This makes it admirably suited for hill culture or narrow matted rows. Very productive; extra large, bright red, conical berries of high quality. 60c. per doz.; per 100, \$3.50; \$30.00 per 1000.

**Barrymore** (Perfect). A healthy, vigorous grower; very productive. The color is glossy rich dark crimson on the surface; the flesh is red and meaty and of excellent flavor. 60c. per doz.; per 100, \$3.50; \$30.00 per 1000.

**Brandywine** (Perfect). The finest of all mid-season sorts; it has not a single defect. Plants of extra strong constitution and growth, doing well everywhere. Fruit extra large, heart-shaped; color, bright, rich red. 60c. per doz.; per 100, \$3.50; \$30.00 per 1000.

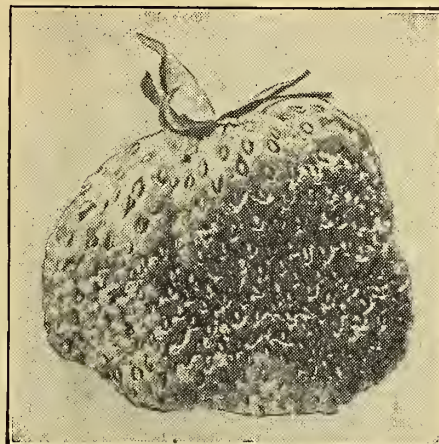
**Bubach** (Pistillate). One of the best known berries in the Philadelphia markets, growers in this vicinity considering it the most profitable variety and no mistake will be made in planting it extensively for home use; an old favorite. 60c. per doz.; per 100, \$3.50; \$30.00 per 1000.



"First Quality"

**First Quality** (Perfect. Midseason). The uniformly large size and remarkably large crop of berries of excellent flavor, produced by this variety, make it a great favorite. 60c. per doz.; per 100, \$3.50; \$30.00 per 1000.

**Glen Mary** (Perfect. Midseason). One of the best of the older varieties, as it still keeps its place among the prominent strawberries. The fruit is very large but rather irregular, somewhat like Sharpless. It is a great drought resister, ripening a full crop of luscious berries in the driest weather. 60c. per doz.; per 100, \$3.50; \$30.00 per 1000.



**Heritage** (Perfect). This is truly a giant strawberry, it being almost impossible to put a whole berry at a time in one's mouth. It is rather irregularly shaped but of a beautiful crimson color. The plants and foliage are entirely distinct which makes it stand out above all other sorts. 60c. per doz.; per 100, \$3.50; \$30.00 per 1000.

**Big Joe** (Perfect). The merits of this splendid variety are great vigor of plant, splendid root system, exceptional productivity, large size of fruit, excellent flavor, and length of bearing season. The berries are perfect beauties, of very uniform, conical shape, rich and red in color. In size the berries are not surpassed by those of any other variety grown, while the flavor is superior to that of most large fruited sorts. The plants root very deep, the roots going 10 to 12 inches in the ground, that they are but little influenced by droughts. 60c. per doz.; per 100, \$3.50; \$30.00 per 1000.

**President** (Perfect). A most remarkable variety. For large size, beauty, great productiveness and high quality, united in a single variety, it is without an equal—it is simply superb. The plant is of mammoth size, and with ordinary culture the huge berries are literally heaped along the row. 70c. per doz.; per 100, \$4.00; \$35.00 per 1000.

**Rewastico** (Perfect). Extra large fruits of a rich red color and delicious flavor; a high-grade berry in every respect. 80c. per doz.; per 100, \$5.00; \$40.00 per 1000.

**William Belt** (Perfect. Midseason). A grand midseason sort. This variety was introduced some eight or ten years ago, and at the time was lauded very highly and many plants were sold. The superb quality, the equal of which has not yet been attained in any other medium late variety, makes it very popular for the home garden and local market. 60c. per doz.; per 100, \$3.50; \$30.00 per 1000.

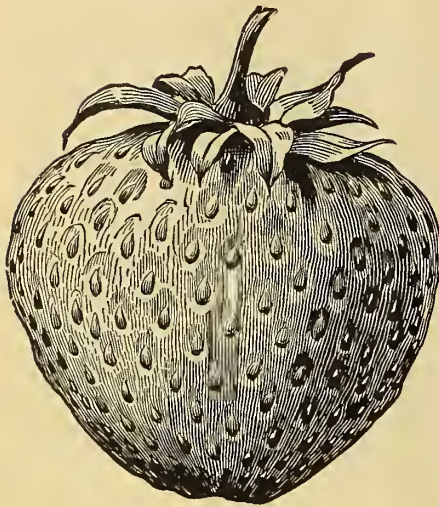
**NOTE**—About October 1st we can furnish layer plants of any of the above varieties at 25c. per doz.; 100, \$1.25; \$7.50 per 1000.



# MICHELL'S POT-GROWN STRAWBERRY PLANTS

## LATE SEASON VARIETIES

See Special Cultural  
Note on Page 2



*Gandy*

**Chesapeake** (Perfect). Although not an immense cropper, every blossom makes a well developed and strictly fancy berry of good color. 60c. per doz.; per 100, \$3.50; \$30.00 per 1000.

**Gandy** (Perfect. Late). This variety is known to most every berry grower as one of the best late sorts. It is very solid and large, and of a beautiful crimson color; especially good for family garden planting. 60c. per doz.; per 100, \$3.50; \$30.00 per 1000.

**Sample** (Pistillate). This comparatively new and splendid variety has won great popularity. It is one of the best late fruiting pistillate strawberries in cultivation. The plant is a large healthy grower making a great mass of roots, insuring it against both drought and frost. It is a big producer of very large roundish berries, holding up well in size to the end of the strawberry season. The berries are of a rich dark red color clear to the centre and of unsurpassed quality. They are borne on strong stalks and in great profusion. 60c. per doz.; per 100, \$3.50; \$30.00 per 1000.



SAMPLE



*Stevens' Late Champion*

**Stevens' Late Champion** (Perfect). "Very large, fine flavored, bright color, good shipper, heavy yielder, good fruit stem." This berry has averaged 7,556 quarts per acre, netting \$666.96 per acre. It has been tested on all kinds of soils and will grow successfully where any strawberry will grow. It will stand a drought better than any other berry ever grown in this section. It has never shown any sign of rust. 80c. per doz.; per 100, \$5.00; \$40.00 per 1000.

**Sharpless** (Perfect). One of the old timers, but with so much merit it is impossible to discard it. While irregular in shape, is very large and a tremendous cropper. Plants are exceedingly vigorous and hardy, enduring both heat and cold without injury. A profitable and reliable variety for either market or home. 60c. per doz.; per 100, \$3.50; \$30.00 per 1000.

**NOTE**—About October 1st we can furnish layer plants of any of the above varieties at 25c. per doz.; per 100, \$1.25; \$7.50 per 1000.



# MICHELL'S AUTUMN FRUITING OR EVERBEARING STRAWBERRY PLANTS (POT GROWN)

PROVIDE AN ABUNDANCE OF RIPE FRUIT UNTIL FROST



*"Progressive" Autumn Fruiting Strawberries*

This type, while producing its main crop of berries with the general sorts, continues uninterruptedly to mature its fruit, until checked by hard frosts; it has actually been known to bear strawberries until Christmas, when the weather is open and mild. In order to get the greatest crop of berries late, the blossoms should be kept cut off until August 1st, so as to conserve the energies of the plants for the fall crop. Treated in that way, ripe fruit will be borne in about four weeks after that date and continuously until frost. The plants must not be allowed to suffer for water in the fruiting season and the ground should be well enriched. A mulch of well rotted cow manure will be found of great advantage. High cultivation is essential for best results and any special attention that is given this type will be well rewarded with a good crop in September and October.

The two varieties listed below, are best adapted for the American climate and soil conditions.

**Progressive.** A recent introduction, considered the largest in size and of extreme producing qualities. The plant is of medium size and very resistant to heat. Both blossoms and fruit are well protected by the strong healthy foliage. The fruit is rich and sweet, a deep red inside and out, of good medium size and very firm. **Pot grown plants**, 75c. per doz.; per 100, \$4.00. **Layer plants**, ready about October 1st, 30c. per doz.; per 100, \$1.75, \$15.00 per 1000.

## MICHELL'S PURE BONE MEAL

An excellent fertilizer to use when planting strawberries; about a teaspoonful to a plant. 25 lbs., 85c.; \$1.35 per 50 lbs.; 100 lbs., \$2.25; \$4.00 per 200 lbs.

**Superb.** Rich dark red of very even rounded form, medium size, early, fine flavor. The plants are very strong with stout fruit-stems, holding fruit well off the ground. A very productive variety. **Pot grown plants**, 75c. per doz.; 100, \$4.00. **Layer plants**, ready about October 1st, 30c. per doz.; per 100, \$1.75, \$15.00 per 1000.

## BOOKS ON THE CULTURE OF THE STRAWBERRY AND OTHER FRUITS (Mailed Postpaid)

Strawberry Culture (Fuller) .....	\$0.25
Berry Book (Biggle's) .....	.50
Fruit Culturist (Thomas) .....	2.25
Small Fruit Culturist (Fuller) .....	1.00
Principles of Fruit Growing (Bailey) .....	1.50
Fruit Garden (Barry's) .....	1.50

Plants Ship best by Express. No Plants sent C. O. D.



## EXTRA STRONG CELERY PLANTS

(READY ABOUT JULY 10)

These plants are grown from our own seed at our "Evergreen" Seed Gardens. We have immense quantities and can fill orders for any number.

**A WORD ON CELERY CULTURE.**—Celery delights in a good, rich, moist soil. Locations where the soil may become dry should be avoided. Nothing is more beneficial or so little work as the watering of celery during periods of drought. After it has been transplanted and made some growth, the plants should be set in permanent rows 6 to 8 inches apart in the row. Many private gardeners prefer to use the two-row system of trenches; it will be found very advantageous to work. If the idea of the market gardener is carried out, the celery is planted in single rows about 2 feet apart, 6 or 8 inches apart in the row. By the former method the celery is usually banked up to blanch until almost entirely covered with soil; the top is then covered with leaves or other litter as winter approaches. In the single-row system the celery is banked up gradually to blanch, and after this process is over, at the approach of winter it is dug up and laid in shallow trenches after being cleaned. Storing for winter is done by covering it with waterproof celery paper and topping off with soil or leaves. The celery may thus be gotten out for market during the severest weather. Good cultivation is highly necessary during the growing period.

**Boston Market.** An elegant dwarf sort, a good winter keeper, fine taste, crisp and nutty.

**Dwarf Golden Heart.** The best of the half-dwarf varieties; stalks large and full; the heart is golden yellow, turning to a light color when blanched.

**Far Superior.** Our own introduction. Offered by us exclusively in plants. This is the finest winter celery in existence. Rich flavor, very nutty.

**French Golden Self-Blanching.** An early sort. The heart is a rich golden-yellow, with light yellowish-green outer leaves. 60c. per 100; 500 for \$2.75; \$5.00 per 1000.

**Giant Pascal.** One of the largest stalked kinds. It is in its prime for use during February and March, and can be used well up into spring.

**Pink Plume.** The red sorts surpass the white in flavor, and possess in their coloring a feature which renders them valuable as a table ornament. (Supplied on order only.)

**White Plume.** The White Plume is unsurpassed for fall and early winter use, requiring very little earthing to blanch it.

**Winter Queen.** This variety grows a very thick, solid and heavy stalk, and has a large heart. It is a close, compact grower, and when blanched is a creamy-white color.

**Prices:** (Except where noted), 50c. per 100; 500 for \$2.25; \$4.00 per 1000.

Parcel Post Weight per 100 plants, packed, 4 lbs.



White Plume Celery



Brussels Sprouts

## MISCELLANEOUS VEGETABLE PLANTS

(Ready from July 1st to August 15th)

### ARTICHOKES

**Green Globe or French.** Very easily cultivated. Our plants were started very early and are in excellent shape to stay outdoors the coming winter (with protection). \$1.50 per doz. plants; 25 for \$2.50; per 100, \$10.00. (Artichokes cannot be mailed.)

### BRUSSELS SPROUTS

**Matchless Improved.** The plants should be cultivated and kept free from insects. Pull off the leaf stems as the sprouts begin to appear so they may develop perfectly. 25 for 20c.; 50c. per 100; \$3.50 per 1000. Parcel Post Weight per 100 plants, packed, 2 lbs.

### CABBAGE

**Late Flat Dutch.** A short stemmed, large, flat-head variety; very solid; keeps the entire winter when buried in cellars or pits. 40c. per 100; 500 for \$1.50; \$2.75 per 1000.

**Perfection Drumhead Savoy.** A very curly, dark-green sort; well flavored. 40c. per 100; 500 for \$1.50; \$2.75 per 1000.

**Red Dutch Drumhead.** This cabbage is very sweet and should be used more largely. It is an excellent winter keeper. 40c. per 100; 500 for \$1.50; \$2.75 per 1000. Parcel Post Weight per 100 plants, packed, 2 lbs.

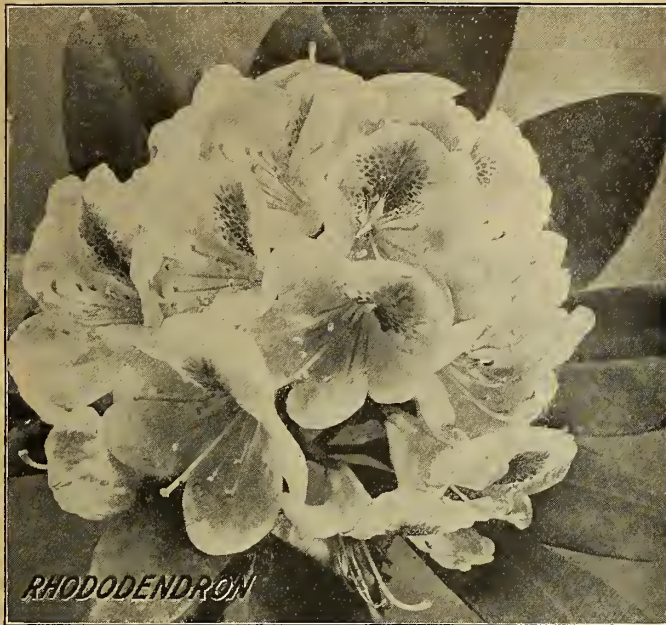


Green Globe Artichoke

**Special Note.**—Our vegetable plants are usually quite large, and on account of delays frequently experienced with Parcel Post service, we recommend shipping by express, as when sent in that manner we are able to give better value.



# Michell's Plants for Greenhouse Forcing <sup>7</sup>



## RHODODENDRONS (For Forcing)

Book your order now for delivery on arrival

Stock usually ready about December 1st.

We have made arrangements with a special grower in Europe to furnish us the following Rhododendrons, for delivery this autumn,—for early spring (1917) and Easter forcing.

**Pink Pearl** (New). Very distinct variety with pink colored flowers and enormous petals and trusses. Excellent forcing variety.

	Each	Doz.
Plants with 6 to 8 buds.....	\$2.50	\$25.00

**White Pearl.** This is a newer variety and an elegant companion to "Pink Pearl." It is pure white, an elegant forcer and produces magnificent trusses of bloom.

	Each	Doz.
Plants with 6 to 8 buds.....	\$2.25	\$22.50

## OTHER NAMED RHODODENDRONS (For Forcing)

*Purchasers are kindly requested to leave the selection to us, but to state the colors wanted, as not every variety is suitable for forcing purposes.*

	Each	Doz.
<b>Bushy plants</b> , 18 to 24 inches high, 10 to 12 buds..	\$1.50	\$15.00
" " 24 to 30 inches high, 12 to 16 buds..	2.25	20.00
<b>Specimen Plants</b> .....	4.00	

## LILACS FOR FORCING (Pot-Grown)

Book your order now for delivery on arrival

Stock usually ready about December 1st.

**Chas. X.** Large reddish purple with heavy trusses.

**Marie Le Grey.** Single, pure white, of wonderful fragrance.

**Mme. Casimir Perier.** Double, pure white, with large individual flowers of exquisite odor; grand for cutting.

**President Grevy.** Large panicles; double blue flowers; very fine.

**Souvenir de Louis Spaeth.** Deep purplish-red flowers; in compact trusses.

Price of any of the above pot-grown Lilacs in extra strong fine plants, \$1.50 each; per doz., \$15.00.



## AZALEAS

Orders Booked till August 1st Only

These are produced for us by the best grower in Belgium, who personally selects shapely, bushy plants with plenty of buds. Shipment usually arrives the early part of October, and in order to avoid disappointment to customers by either getting their Azaleas in too late or not being able to get them at all, we will book orders to August 1st only.

**No import order booked for less than 12 plants of Azaleas in the aggregate.** The following varieties are good forcers, splendid bloomers, and favorites in America.

### EARLY OR CHRISTMAS VARIETIES

**Simon Mardner.** Large pink.

**Hexe.** Deep crimson.

**Mme. Petrick.** Beautiful rose. Also splendid for Easter forcing.

**Vervaeana.** Variegated. Best early and late forcer.

**Vervaeana Alba.** White, splendid forcer.

**Niobe.** Very double; ivory white; perfect form.

### LATE OR EASTER VARIETIES

**Madame van der Cruyssen.** Grand variety of a bright pink color.

**Empress of India.** Variegated. Salmon, red and white.

**Schryveriana.** Delicate scarlet with carmine spot, white edges.

**Paul Weber.** Variegated rose.

**John Peeters.** Double, deep carmine.

**Professor Wolters.** Violet with red centre, white edges.

**L. Van Houtte.** Enormous bright rose with crimson spot.

**Sigismund Rucker.** Lilac rose, bordered white.

**Marie Planchon.** Semi-double, snow-white with frilled edges.

**Anna Gunckel.** Pure white, double flowers.

**Chicago.** Large double, deep carmine banded with pure white.

### PRICES

12 inch diameter crown.....	each, \$1.00
13 to 14 inch diameter crown.....	" 1.50
14 to 16 inch diameter crown.....	" 1.75
16 to 18 inch diameter crown.....	" 3.50
18 to 20 inch diameter crown.....	" 5.00

**These prices are f. o. b. Philadelphia. No charges for packing, customs duty, etc., which are usually very high.**

No Plants shipped C. O. D.

(hn)



# MICHELL'S PLANTS FOR AUTUMN PLANTING



*Carnation Enchantress*

## FIELD GROWN CARNATION PLANTS

For winter blooming in conservatory and greenhouse. Our carnation plants are grown at our own nurseries, and will give immediate results indoors. Ready about September 1st.

Single plants can be mailed at prices quoted, plus 10c. each for postage.

	Each	Doz.	100
Alice. Clear blush pink .....	\$0.25	\$2.50	\$15.00
Beacon. Bright red .....	.25	2.50	15.00
Benora. Pure white, penciled red.....	.25	2.50	15.00
Champion. Rich scarlet .....	.25	2.50	15.00
Enchantress. Soft pink .....	.25	2.50	15.00
Enchantress Supreme. Deep pink .....	.25	2.50	15.00
Eureka. Scarlet; very fine .....	.25	2.50	15.00
Gloria. Silver pink .....	.25	2.50	15.00
Good Cheer. Deep pink .....	.25	2.50	15.00
Gorgeous. Rich glowing crimson .....	.25	2.50	15.00
Matchless. Pure white .....	.25	2.50	15.00
Mrs. C. E. Akehurst. Clear rose pink....	.25	2.50	15.00
Mrs. C. W. Ward. Clear pink .....	.25	2.50	15.00
Princess Dagmar. Crimson .....	.25	2.50	15.00
Rosette. Dark pink .....	.25	2.50	15.00
White Wonder. Large pure white .....	.25	2.50	15.00
White Enchantress. Pure white .....	.25	2.50	15.00

Plants travel best by Express. No Plants sent C. O. D.

## MISCELLANEOUS SEEDLINGS

**Pansy Plants.** Michell's Giant Exhibition strain (ready in September). Mixed colors. 50 for 75c.; \$1.00 per 100; per 1000, \$7.50.

**Myosotis (Forget-Me-Not).** Strong seedlings ready in September. 50 for 75c.; \$1.00 per 100; per 1000, \$7.50.

**Bellis Perennis (Double Daisy).** Monstrosa strain, white and pink, separate; ready in September. 50 for 75c.; \$1.00 per 100; per 1000, \$7.50.

Not less than 50 seedlings of a kind sold.



*Princess of Wales Violet*

## FIELD GROWN VIOLET CLUMPS

Orders Booked Now

(Ready September 15th)

These extra fine plants will flower freely under glass in winter or in cold frames and outdoors in the early spring. Single plants can be mailed at prices quoted, plus 10c. each for postage.

**Double Russian.** Deep blue (hardy).

**Lady Hume Campbell.** Double, light blue.

**Luxonne.** Large single blue.

**Princess of Wales.** Single blue.

**Swanley.** Double white.

Prices for any of the above extra large plants, 20c. each (by mail, 30c.); \$1.75 per doz.; per 100, \$12.00.

Our Violets are extra large field grown clumps and are worth many times more than small plants at low prices.

## WIRE CARNATION SUPPORTS

	Doz.	100	1000
Mullers Double .....	\$0.75	\$4.50	\$42.00
Richmond Double, No. 11—29 in.....	.75	5.00	45.00
Richmond Single, No. 11—29 in.....	.60	3.75	35.00
Model 2 ring.....	.45	3.00	27.50
Model 3 ring.....	.55	3.50	32.50





A Cyclamen Flower

## CYCLAMEN PLANTS

Our choice giant flowering strain, produced from our own seeds in our greenhouses. We supply these in white, white and pink eye, crimson, salmon pink and rose.

2½-in. pots (ready now), 20c. each; doz., \$2.00; \$12.50 per 100.

4-in. pots (ready in October), 35c. each; doz., \$3.75; \$27.00 per 100.

## BEGONIA, GLOIRE DE LORRAINE

Beautiful rose pink in color, and a very profuse bloomer. As Christmas plants, they are almost indispensable.

2½-inch pots, \$3.00 per doz.; per 100, \$22.50.

4 -inch pots, 75c. each; per doz., \$7.50.

6 -inch pots, specimen plants, \$1.50 each; doz., \$15.00.

## NEW VARIETIES OF FRENCH ORIGIN

**Beaute Vendomoise.** Immense flower heads with large florets; white tinted pink.

**Eclairer.** The nearest approach to red in the hydrangea family; a real sterling novelty.

**Harmonie.** Very large trusses with a fast color of pink which does not fade readily.

**La France.** Very large flowers of a delicate rose pink shade; flower trusses are gigantic.

**La Perle.** A splendid white variety; one of the best in this color.

**Liberte.** An attractive shade of pale pink, with enormous flower heads.

**Louis Moulliere.** A pleasing shade of deep rose pink, with fringed florets.

Price of New French Hydrangea listed above in strong young plants, 2½-inch pots. 35c. each; \$3.50 per doz.; 1 each of the 7 varieties, \$2.25.

## FRENCH VARIETIES OF RECENT INTRODUCTION

**Avalanche.** Large head; pure white flowers. A real beauty when in full bloom.

**Botaniste Peltreau.** Fringed flowers of gigantic size, of a brilliant lavender-pink color.

**Bouquet Rose.** Very large flower heads of a uniform shape. When first opened the flower is a shade of amber, which later turns to a brighter pink.

**E. G. Hill.** Considered the best pink, producing enormous flower trusses.

**General de Vibraye.** One of the very best, with enormous flower heads of a bright rose color.

**Madame Maurice Hamar.** Delicate flesh-pink.

**Monsieur G. Renault.** Very free flowering type, blooming somewhat earlier than the rest. The flower has a slight reflex of carmine, while the body of the bloom is rich pink.

**Mme. Emile Moulliere.** This is the best of the newer kinds, bearing gigantic trusses with immense florets, the latter being often 2 inches in diameter. Pure white, with rich carmine eye.

**Radiant.** Brilliant rose pink.

**Souvenir de Mme. Chautard.** Of dwarf, compact habit, with brilliant rose-colored flower trusses.

**La Lorraine.** Gigantic flowers and trusses pale rose pink, changing to a rich pink.

Prices of French Hydrangeas:

	Each	Doz.	100
2½ in. Pots	\$0.20	\$2.00	\$12.50
4 " "	.35	3.50	25.00
6 " "	.50	5.00	40.00
11 in. Tub specimens, including tub; each,	\$2.00.		

## FORCING ROSES

**Milady.** Large and double and opens perfectly.

**Mrs. Geo. Shawyer.** Brilliant rose pink, large well formed, fairly full. Growth tall and stiff; leathery foliage.

**Radiance.** Deep cerise pink. One of the finest roses.

**Richmond.** Clean and strong grower, free bloomer; bright rich scarlet.

**White Killarney.** Like its parent, the Pink Killarney, it has become one of the most popular roses grown today.

**Killarney.** The most popular forcing rose that has ever been introduced. It is too well known to need description.

**Killarney Queen.** It is a cerise pink sport of Killarney, exceptionally strong in growth.

**Cecil Brunner.** Bright rose pink of polyantha or cluster type; fine for bouquet work.

**Ophelia.** Salmon flesh, shaded rose pink; fine variety.

**Bridesmaid.** Clear pink; an old favorite. Grafted only.

**Hadley.** The best brilliant red.

**Mrs. Pierpont Morgan.** Very productive and a strong grower. Shell pink in color. Grafted only.

**Geo. Elger.** A dainty yellow Polyantha Rose. Valuable for table decoration.

Any of the above varieties can be had in either grafted or own root stock (except where noted).

	Grafted			Own Root		
	Each	Doz.	100	Each	Doz.	100
2½-inch	\$0.25	\$2.25	\$17.50	\$0.15	\$1.50	\$10.00
3 " "	.30	3.00	22.50	.20	2.00	15.00
4 " "	.40	4.00	30.00	.30	3.00	20.00

**American Beauty.** The favorite rose of America for more than forty years. Own root plants only.

	Each	Doz.	100
2¼-inch	\$0.15	\$1.50	\$12.00
3 " "	.20	2.25	18.00
4 " "	.30	3.00	25.00

**My Maryland.** Pink in color with long, pointed buds.

	Grafted			Own Root		
	Each	Doz.	100	Each	Doz.	100
2¼-inch	\$0.25	\$2.25	\$17.50	\$0.15	\$1.50	\$12.00
3 " "	.30	3.00	22.50	.25	2.50	18.00
4 " "	.40	4.00	30.00	.30	3.00	25.00

**Mrs. Wm. R. Hearst.** A clear, dark pink; resembling Bridesmaid.

Either grafted or own root plants at the above prices.

**Red Radiance.** This sport will be a welcome addition to the lovers of good bedding roses. It is a clear shade of red.

	Each	Doz.	100
2¼-inch	\$0.30	\$3.00	\$25.00
3 " "	.40	4.00	30.00
4 " "	.50	5.00	35.00

Either grafted or own root plants at the above prices.

**Hoosier Beauty.** This crimson rose of last season's introduction has shown wonderful growth and possibilities.

	Grafted			Own Root		
	Each	Doz.	100	Each	Doz.	100
2¼-in.	\$0.30	\$3.00	\$22.50	\$0.20	\$2.00	\$15.00
3 " "	.40	4.00	27.50	.30	3.00	20.00
4 " "	.50	5.00	35.00	.40	4.00	25.00

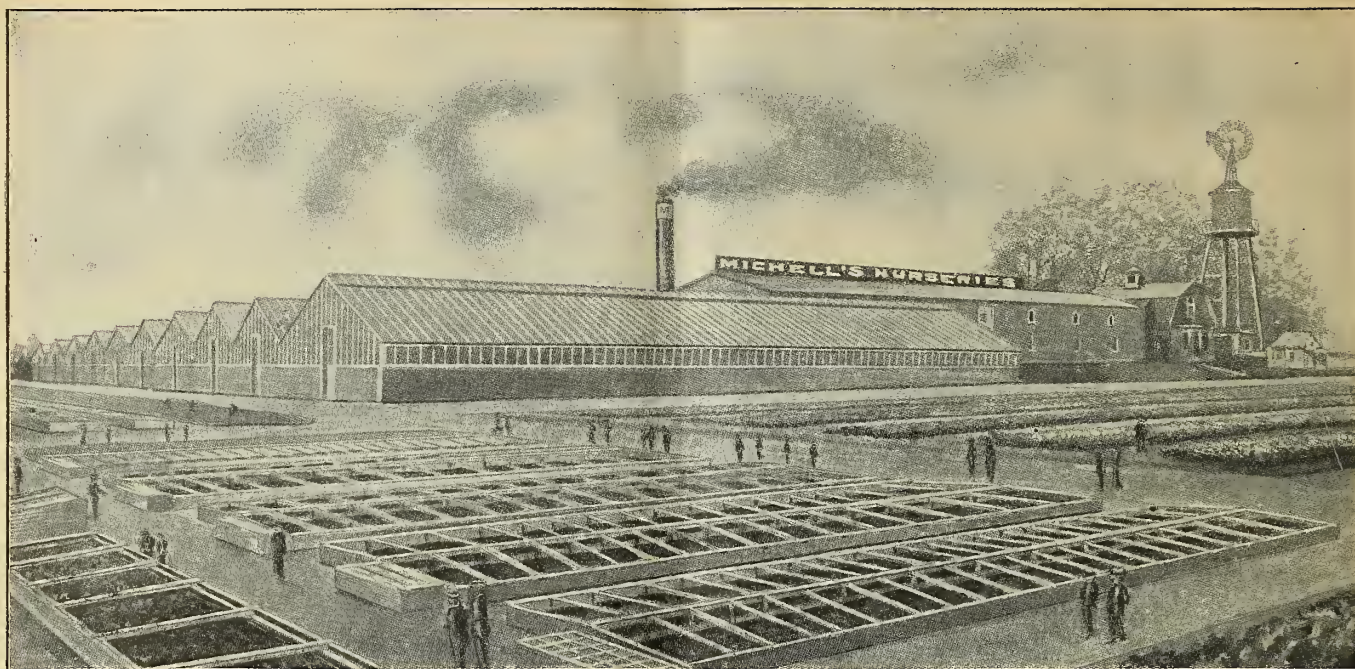
**Sunburst.** This popular rose is slow in starting but a very fine rose and easy to handle when well established. In color it is an orange-copper or golden-yellow. Offered on its own roots only.

	Each	Doz.	100
2¼-inch	\$0.20	\$2.00	\$15.00
3 " "	.30	3.00	22.50
4 " "	.40	4.00	30.00

**Mrs. Charles Russell.** Bright rose pink, deeper toward the centre.

Grafted plants only.				Each	Doz.	100
2¼-inch				\$0.30	\$3.00	\$20.00
3 " "				.40	4.00	25.00
4 " "				.50	5.00	30.00





Partial View of Greenhouses and Frame Yard—Michell's Plant Establishment, Andalusia, Pa.

## MICHELL'S HARDY PERENNIAL PLANTS

It is not at all surprising that these grand old-fashioned garden flowers are to-day enjoying the greatest popularity, because there is not a time during the whole flower season in which some hardy perennial is not in bloom. Our stock is principally established in pots, which enables it to be shipped and transplanted at any season. As our spring trade for this stock was exceptionally heavy, we will not have a complete assortment until September and October. All varieties mentioned in this list are ready for delivery now. Summer and autumn planting frequently means a year's difference in results obtained the following spring, and they are usually more gratifying than from spring set plants. For full description see our Spring Catalogue, a copy of which can be had on application.

### **Achillea** (Sneezewort)

A graceful plant with finely cut foliage. Flowers are fine for cutting; flowering the entire summer.

**Boule de Neige** (*Ball of Snow*). An improvement on The Pearl; flower pure white;  $2\frac{1}{2}$  feet high.

**Eupatorium**. Brilliant yellow; 4 to 5 ft.

**Millefolium Cerise Queen**. Rich amaranth; 18 inches high; red.

**Ptarmica Plena, The Pearl**. Flowers the entire summer on strong, erect stems 2 feet high; of the purest white.

Price of any of the above, 15c. each; doz., \$1.50; \$10.00 per 100.

### **Aconitum** (Monkshood or Helmet Flower)

Bushy plants, blooming in clusters of beautiful helmet-shaped flowers from late summer till frost. Well adapted for shade.

**Autumnale**. Deep purplish blue, flowers in September; 3 feet.

**Fischeri**. Grows 18 inches high, yielding pale blue flowers.

**Spark's Variety**. The darkest blue of all; 5 to 6 feet.

**Stroekianum**. July and August. Rich blue; magnificent flower spikes; 4 feet.

**Wilsoni**. A variety from Northern China, growing 6 feet high; pale violet blue; flowers in September.

Price of Aconitums, 25c. each; doz., \$2.50; \$17.50 per 100.

### **Aegopodium** (Bishop's Weed)

**Podograrium Variegata**. Green and yellow variegated foliage; 1 foot high. 15c. each; doz., \$1.50; \$10.00 per 100.

### **Adenophora**

**Potanini**. Handsome bell-shaped blue flowers; borne on branching spikes. 15c. each; doz., \$1.50; \$10.00 per 100.

### **Aetheopappus** (New)

**Pulcherrimus**. The flowers, resembling Giant Cornflowers, are of a dazzling pink. Splendid for cutting; July;  $2\frac{1}{2}$  feet high. 25c. each; doz., \$2.50; \$17.50 per 100.

**Alyssum** (Gold Dust or Basket of Gold) Splendid edging plants. Ideal for rockery; 1 foot high.

**Rostratum**. Bright golden yellow.

**Saxatile Compactum**. Deep golden yellow.

Price of Alyssums, 15c. each; doz., \$1.50; \$10.00 per 100.

### **Anemone Japonica** (Windflower)

As a last greeting of autumn these gay flowers appear in wondrous brilliancy and produce a wealth of bloom.

**Alba**. Large pure white; 3 to 4 feet tall.

**Rubra**. Rich rosy red, 3 to 4 feet.

**Whirlwind**. Large semi-double, pure white.

Price of Anemones, 15c. each; doz., \$1.50; \$10.00 per 100.

### **Artemisia**

**Abrotanum** (*Old Man*). Dark green foliage.

**Pedemontana**. Silvery foliage.

**Stellariana** (*Old Woman*). Silvery foliage.

Price of Artemisia, 15c. each; doz., \$1.50; \$10.00 per 100.

### **Aquilegia**

For spring flowers these are invaluable, producing their graceful spurred flowers on stems rising 2 feet over their elegant foliage during May and June. For rocky gardens, semi-shaded places, in hardy borders or planted in clumps, they look effective, a variety of them making a beautiful attraction.

**Canadensis**. Bright red and yellow.

**Rose Queen**. A newer variety of a pleasing shade of delicate pink, long spurred flowers.

**Erskine Park Hybrids** (Mixed Colors).

A grand mixture of finest varieties, including every color in Columbines.

Price of Aquilegias, 15c. each; doz., \$1.50; \$10.00 per 100.

### **Arabis** (Rock Cress)

Dwarf bushy plants, six inches high; fine for rockeries and borders. It remains in flower a long while, presenting a perfect carpet of bloom.

**Alpina**. Single snowy-white flowers. 15c. each; doz., \$1.50; \$10.00 per 100.

**Alpina Fl. Pl.** Double white, very showy. 25c. each; doz., \$2.50; \$17.50 per 100.

**Alpina Rosea** (*New*). A distinct novelty. The plants are literally covered with rose-pink flowers in April and May. 25c. each; doz., \$2.50; \$17.50 per 100.

### **Asclepias** (Butterfly Weed)

**Tuberosa**. A showy plant, 2 feet high, with large heads or clusters of orange flowers blooming in July and August. Fine for cutting. 15c. each; doz., \$1.50; \$10.00 per 100.



## Hardy Aster (Michaelmas Daisy)

**Amellus, Perry's Pink.** A pleasing bright pink; one of the best in this color; September. 25c. each; doz., \$2.50; \$17.50 per 100.

**Feltham Blue.** One of the most decorative blue varieties; 2½ feet.

**Robert Parker.** Fine lavender blue, with yellow centre; very tall; September.

**White Queen.** Pure white; 4 feet; September-October.

Price of the above Asters (except where noted), 15c. each; doz., \$1.50; \$10.00 per 100.

## Astilbe

Vigorous growing plants with feathery flower heads. They thrive best in a half shaded position.

**Arendsii Venus.** Charming new variety, with brilliant purplish-pink flower heads; 2½ to 3 feet high; blooms in June and July. 35c. each; doz., \$3.50; \$25.00 per 100.

**Arendsii Juno.** Vigorous grower, with plumes of a deep violet color. 35c. each; doz., \$3.50; \$25.00 per 100.

**Grandis.** New introduction of great merit; the panicles of white flowers are frequently 2½ feet long; very attractive; fine foliage; blooms July-August. 25c. each; doz., \$2.50; \$17.50 per 100.

## Baptisia (False Indigo)

**Australis.** A robust growing plant, suitable for the border or wild garden. Foliage is dark green, deeply cut; the flowers are dark blue, borne on spikes, in June and July; 2 feet high. 15c. each; doz., \$1.50; \$10.00 per 100.

## Boltonia (False Chamomile)

Tall-growing, showy plants, with hardy aster-like flowers appearing in September; 5 to 7 feet.

**Asteroides.** Pure white; 5 to 6 feet.

**Latisquama.** Pink, tinted lavender; 6 ft.

**Latisquama Nana.** Pink, tinted lavender; 2 feet high.

The above, 15c. each; doz., \$1.50; \$10.00 per 100.

## Calimeris (Starwort)

**Incisa.** Attractive border plant, growing from 1 to 1½ foot high. The daisylike flowers are of a delicate lavender shade, with a yellow centre; blooms from July to September. 25c. each; doz., \$2.50; \$17.50 per 100.

## Callirhoe (Poppy Mallow)

**Lineariloba.** Large Poppy-like flowers, crimson and white; 9 inches; June-September. 15c. each; doz., \$1.50; \$10.00 per 100.

## Campanula (Bell Flower)

**Pyramidalis (Chimney Bell Flower).** A striking variety, pyramidal-shaped plant; the stalk, 4 to 6 feet high, is completely covered with flowers in June and July. Blue and White, each separate. 25c. each; doz., \$2.50; \$17.50 per 100.

**Trachelium (Coventry Bells).** Purple flowers; June and July; 3 feet high. 15c. each; doz., \$1.50; \$10.00 per 100.

## Caryopteris

**Mastacanthus (Blue Spiraea).** A hardy perennial of the easiest culture, flowering in September and October. The flowers are light blue and are borne in globe shaped heads; 2 feet high. 15c. each; doz., \$1.50; \$10.00 per 100.

## Catananche (Cupid's Dart)

The flowers, which are splendid for cutting, resemble somewhat the Cornflower, blooming during July and August. **Bicolor.** Blue and white; 2 feet high.

**Coerulea.** Bright blue; 2 feet. The above, 15c. each; doz., \$1.50; \$10.00 per 100.

## Cedronella (Balm of Gilead)

**Cana.** Long spikes of purple, salvia-like flowers, with highly scented foliage; 2½ feet high; July to September. 15c. each; doz., \$1.50; \$10.00 per 100.

## Cimicifuga (Snake Root)

**Racemosa.** Tall growing plant, 4 to 6 feet high, well suited for borders or naturalizing at the edge of woods; flowers pure white; July and August. 25c. each; doz., \$2.50; \$17.50 per 100.

## Echinops (Globe Thistle)

The flower heads are globe shaped, of a thistle-like nature. When cut it remains in a preserved state for a long while. Flowers from July to September.

**Ruthenicus.** Solid round heads of lovely blue; 3 feet.

**Sphaerocephalus.** White; 5 to 6 feet tall.

Price of the above Echinops, 25c. each; doz., \$2.50; \$17.50 per 100.

## Edelweiss (Gnaphalium)

This is the favorite Alpine plant of the Swiss Mountains, and is found growing in abundance everywhere on the Alps. The plant is a dwarf, about 4 inches high, with gray foliage, which lies close to the ground, is surmounted with stalks of grayish white, fuzzy flowers of a trilobed appearance. The flowers may be cut as an everlasting, and they will keep indefinitely. This is a splendid plant for a rock garden. 25c. each; doz., \$2.50; \$17.50 per 100.

## Erigeron (Flea Baue)

**Grandiflorus Elatior.** Bluish lilac, with yellow disc; 18 inches.

**Glabellus.** Light blue; 15 to 18 in. long. Price of the above Erigeron, 15c. each; doz., \$1.50; \$10.00 per 100.

## Erinus

**Alpinus Carmineus.** A charming plant for rockeries or walks; rose colored. 15c. each; doz., \$1.50; \$10.00 per 100.

## Eryngium (Sea Holly)

An ornamental plant, 2 to 3 feet high. Especially valuable for shaded locations or wild garden effects. The flower may be cut and dried for winter bouquets; July-September.

**Planum.** Light blue. 25c. each; doz., \$2.50; \$17.50 per 100.



Campanula Pyramidalis

## Eupatorium

This is an effective plant, which produces fuzz-like flower heads, much resembling Ageratum. Appearing from August till frost. It is fine for cutting. **Ageratoides (White Snakeroot).** Pure white, 3 to 5 feet, flowering in August and September; a fine native plant. **Coelestinum.** Light blue, flowering in August; 18 to 24 inches.

The above, 15c. each; doz., \$1.50; \$10.00 per 100.

## Galega (Goat's Rue)

The flowers, which resemble a pea blossom, are borne on long racemes in great abundance. It flowers from July until September, with an average height of about 2 feet.

**Hartlandii.** The best of the Galegas. Large, handsome blue and white flowers and variegated foliage. 15c. each; doz., \$1.50; \$10.00 per 100.

## Geum (Avens)

Bright, showy flowers, which appear in great abundance in the early summer and fall, growing about 18 inches high. Attractive in border plantings.

**Coccineum.** Brilliant rich scarlet. 15c. each; doz., \$1.50; \$10.00 per 100.

**Mrs. Bradshaw (New).** Double, bright scarlet; 18 inches. 25c. each; doz., \$2.50; \$17.50 per 100.

**SPECIAL NOTICE**—We have just compiled, at great expense, a publication entitled "Hardy Perennials, and How to Grow Them." A copy is yours for the asking.

## Testimonial on Michell's Plants

Paoli, Pa.

The plants you sent me were the best I ever had and the seeds are as good as the very best.

GEO. M. TRIMBLE.





Hemerocallis

**Gillenia (Bowman's Root)**

**Trifoliata.** A spiraea-like plant with graceful foliage and rosy white blooms; 2 feet; July-August. 25c. each; doz., \$2.50; \$17.50 per 100.

**Gypsophila (Baby's Breath)**

During August and September it is a mass of delicate flowers. These may be used as fresh cut flowers, also for a semi-everlasting effect. They keep perfectly for months without water. It is conceded to be the most graceful of our perennial plants.

**Cerastioides.** White flowers, marked pink; 3 inches. 15c. each; doz., \$1.50; \$10.00 per 100.

**Paniculata.** Loose and feathery sprays of white flowers; useful for mist-like effects in bouquets. 15c. each; doz., \$1.50; \$10.00 per 100.

**Paniculata Flore Pleno.** This handsome variety produces pretty double pure white flowers. Splendid for bouquets. 25c. each; doz., \$2.50; \$17.50 per 100.

**Helenium (Sneezewort)**

These desirable perennials succeed in almost any soil in a sunny location. The flowers are splendid for cutting.

**Autumnale Rubrum.** Bright terra-cotta red; 5 feet. 25c. each; doz., \$2.50; \$17.50 per 100.

**Autumnale Superbum.** Massive spreading heads of deep golden yellow flowers; flowers in late summer and autumn; 5 feet high.

**Cupreum.** Orange crimson; 2 feet.

**Grandicephalum Striatum.** Deep yellow flowers striped and splashed crimson; July and August; 5 feet high.

**Hoopesi.** Orange yellow; large flowers; June and July.

**Pumilum Magnificum.** Golden yellow, with large and perfectly formed flowers; very free; July and August; 18 in.

**Riverton Beauty.** Rich lemon-yellow, with dark purple cone; 4 feet; August. 25c. each; doz., \$2.50; \$17.50 per 100.

Price of Heleniums (except where noted), 15c. each; doz., \$1.50; \$10.00 per 100.

**Hemerocallis (Yellow Day Lily)**

Lily-like plants, flowering in great profusion during the summer.

**Aurantiaca.** Large, trumpet-shaped, orange yellow flowers; reverse of petals bright Indian yellow; sweet scented. 25c. each; doz., \$2.50; \$17.50 per 100.

**Aurantiaca Major.** Large, orange flowers; one of the best sorts; June-July. 25c. each; doz., \$2.50; \$17.50 per 100.

**Dr. Regal.** One of the finest of the late flowering sorts, producing beautiful rich apricot-colored flowers; 2½ feet. 25c. each; doz., \$2.50; \$17.50 per 100.

**Dumortieri.** Very dwarf, flowering in June; earlier than most other sorts of the better class. Rich yellow flowers, bronze shaded on the back of petals. 20c. each; doz., \$2.00; \$15.00 per 100.

**Flava.** Light yellow flowers, very fragrant; June and July; 3 feet. 15c. each; doz., \$1.50; \$10.00 per 100.

**Florham.** A strong grower; 3 to 3½ ft. high; large trumpet-shaped flowers; rich golden yellow with Indian yellow markings; June-July. 25c. each; doz., \$2.50; \$17.50 per 100.

**Fulva.** Trumpet-shaped flowers, orange colored shaded darker, blooms in June and July; 4 to 5 feet. 15c. each; doz., \$1.50; \$10.00 per 100.

**Kwanso Flore Pleno (Double).** Coppery red; July 3 feet high. 15c. each; doz., \$1.50; \$10.00 per 100.

**Queen of May.** A splendid new variety, attaining a height of 5 feet; its spikes are terminated with from 12 to 18 flowers of a rich Indian yellow color; May to July. 30c. each; doz., \$3.00.

**Sovereign.** Chrome yellow flowers, sometimes 6 to 9 on a stem; very handsome; 2½ feet high. 35c. each; doz., \$3.50; \$25.00 per 100.



Helianthus

**Helianthus (Hardy Sunflower)**

**Multiflorus flore pleno.** Large, double, golden yellow flowers, resembling a Dahlia; 4 feet high; July and August. 15c. each; doz., \$1.50; \$10.00 per 100.

**Heliopsis (Orange Sunflower)**

**Pitcheriana.** Very similar to a small sunflower, but flowering earlier; deep golden yellow. June till frost; 3 feet. 15c. each; doz., \$1.50; \$10.00 per 100.

**Hesperis (Rocket)**

**Matronalis.** Bushy plants; 3 to 4 feet high, with showy spikes of pink flowers during June and July. 15c. each; doz., \$1.50; \$10.00 per 100.

**Hepatica (Liver Leaf)**

**Triloba.** An interesting spring-flowering plant, with pretty foliage and flowers of a lovely shade of blue. 15c. each; doz., \$1.50; \$10.00 per 100.

**Heuchera (Alum Root)**

During July and August graceful flower-spikes, 2 feet high, appear in profusion.

**Rosea.** Light rose; 2 feet.

**Sanguinea.** Bright scarlet.

**Sanguinea Alba.** Creamy white; 2 feet.

Price of any of the above, 20c. each; doz., \$2.00; \$15.00 per 100.

**Iberis (Hardy Candytuft)**

The Hardy Candytufts are low-growing plants, with evergreen foliage. For borders and rockeries they are unsurpassed.

**Sempervirens.** Pure white flowers. 15c. each; doz., \$1.50; \$10.00 per 100.

**Inula (Flea Bane)**

**Ensifolia.** Dwarf, excellent for borders. Golden yellow; July and August. 15c. each; doz., \$1.50; \$10.00 per 100.

**Lavendula (Lavender)**

**Vera.** Fine border plant. 15c. each; doz., \$1.50; \$10.00 per 100.

**Lobelia**

**Cardinalis (Cardinal Flower).** Makes a most delightful showing if planted in front of shrubbery or in the herbaceous border, flowers are a vivid crimson on spikes from 2 to 4 feet high, flowering July and August.

**Syphilitica Hybrida.** A splendid mixture; 2 feet; July and August.

Either of the above Lobelias, 15c. each; doz., \$1.50; \$10.00 per 100.

**Lythrum (Loose Strife)**

Succeeds in almost any locality. It is a rank grower, throwing out flower spikes which are 3 to 4 feet high; flowering from July until September.

**Roseum Superbum.** Rich rose pink. 15c. each; doz., \$1.50; \$10.00 per 100.

**Rose Queen.** An improvement on the Roseum Superbum, with much larger flowers.

**Brightness.** A splendid new variety, producing tall erect spikes of brightest pink flowers; 5 feet high.

Price of any of the above Lythrum, except where noted, 25c. each; doz., \$2.50; \$17.50 per 100.

**Monarda (Bergamot)**

Showy plants, 2 to 3 feet high, succeeding in any soil or location, flowering during July and August.

**Didyma Cambridge Scarlet (Oswego Tea).** Brilliant scarlet.

**Didyma Salmonea.** Salmon rose. 25c. each; doz., \$2.50; \$17.50 per 100.

**Didyma Violacea Superba.** Bright amaranth red.

**Didyma Rosea (Bee Balm).** Pink.

**Fistulosa Alba.** Very showy plant with white flower heads; 2 to 3 feet; July-August.

Price of the above (except where noted), 15c. each; doz., \$1.50; \$10.00 per 100.



## Oenothera (Evening Primrose)

After the sun begins to sink and many other perennials close their flowers for the day, the *Oenothera* is in its glory. Commences flowering in June and lasts throughout the season. The plants are about 10 inches high, and suitable for either border or rock garden work.

**Eldorado.** Double golden yellow.

**Fraseri.** Deep yellow; 18 inches high.

**Speciosa.** Pure white; 18 inches high.

**Youngi.** Rich lemon yellow.

Price of any of the *Oenothera*, 15c. each; doz., \$1.50; \$10.00 per 100.

## Onopordon (Cotton Thistle)

**Tauricum.** A stately plant, with silvery leaves; these, as well as the stems, being covered with white fuzzy flowers which resemble a majestic Scotch Thistle. Blooms in June and July; 5 feet. 25c. each; doz., \$2.50; 100, \$17.50.

## Orobis (Bitter Vetch)

This class of plants succeeds in almost any location or soil. Excellent for borders or rockeries, flowers May and June.

**Lathyroides.** Pea-shaped blue flowers, 1 foot high.

**Superbus.** Purple flowering; 1 foot high.

**Vernus.** Deep purple, pea-shaped; 1 ft.

Price of any of the above, 25c. each; doz., \$2.50; \$17.50 per 100.

## Paeonias (see page 14)

## Pentstemon (Beard Tongue)

An odd-shaped flower, borne on stalks about 2 feet high. It somewhat resembles the *Gloxinia*, but is longer and narrower. Starts to flower in early summer and lasts until the frost will strike it down. It makes a brilliant show in the hardy border, also in rock gardens.

**Barbatus Torreyi.** Brilliant scarlet.

**Digitalis.** Purplish white flowers with dark purple throat.

**Glaber Hybrids.** Mixed colors; 2 feet.

**Sensation.** A splendid mixture of different shades; 2½ feet high.

**Ovatus.** Bright blue, shaded purple; 2 ft.

Price of the above, 15c. each; doz., \$1.50; \$10.00 per 100.



Stokesia

## Physalis (Lantern Plant)

**Alkekengi.** Ornamental variety of the Ground or Winter Cherry. The lantern-like, orange-red fruits are highly interesting; 2 feet high.

**Francheti.** Similar to the above, except the fruits have a more brilliant color.

Price of *Physalis*, 15c. each; doz., \$1.50; \$10.00 per 100.

## Physostegia (False Dragon Head)

Attractive perennial, blooming usually the latter part of July and August. Grows from 3 to 4 feet high, throwing up spikes decked with delicate tube-shaped flowers, somewhat resembling a large-flowering heather.

**Virginica.** Delicate soft pink.

**Virginica Alba.** Pure white; very striking.

**Speciosa.** Delicate pink.

Price of either of the above *Physostegia*, 15c. each; doz., \$1.50; \$10.00 per 100.



Rudbeckia Golden Glow

## Platycodon (Japanese Bell Flower)

Very useful for cutting, and with a very long flowering season, lasting from June until October. Height, 2 to 3 feet.

**Grandiflorum.** Beautiful blue; very handsome.

**Grandiflorum Album.** Identical with the above, except the color, which is pure white.

Price of either of the above, 15c. each; doz., \$1.50; \$10.00 per 100.

**Special Notice**—We have just compiled, at great expense, a publication, entitled "**Hardy Perennials and How to Grow Them.**" A copy is yours for the asking.



Physostegia

## Polemonium (Jacob's Ladder)

Handsome border plants, about 1 foot high, succeeding best in a semi-shaded location. The flowers, which appear from June to September, are very showy.

**Richardsoni.** Sky blue with golden anthers.

**Richardsoni Alba.** A white form of the above.

Price of the above, 15c. each; doz., \$1.50; \$10.00 per 100.

## Iceland Poppies

The graceful foliage is surmounted with a mass of stems a foot high, which terminate in a beautiful cup-shaped flower. They flower continuously the entire summer.

**Orange King** (Orange Yellow).

**White.**

**Yellow.**

**Mixed Colors.**

Any of the above, 15c. each; doz., \$1.50; \$10.00 per 100.

## Prunella

**Incisa.** Dwarf growing plant, suitable for shady places and rocky work. Blooms continuously all summer. Rosy purple flowers. 25c. each; doz., \$2.50; \$17.50 per 100.

## Testimonial

The plants sent are certainly very fine. You will hear from me next spring with a much, yes, very much, larger order.

THEO. F. BRYANT,

629 S. Williams St.,  
Dayton, Ohio.



# 14 MICHELL'S GORGEOUS DOUBLE PAEONIES (Roots)

Paeonies, especially the newer varieties, are probably the most valuable of all perennial plants. Planted in the sun or semi-shade, they give a grand display of large fragrant blossoms of brilliant colors during June, followed by their exquisite foliage, which is very ornamental during the summer months. They are most effective for house and table decorations, and last longer in water than many other perennials. No disease or insect rarely trouble the Paeony. The roots are perfectly hardy, and once planted remain for years. *Roots will be ready for delivery in September.*



*Paeony Candidissima*

## PINK VARIETIES

	Each	Doz
<b>Achille.</b> Beautiful shell-pink, changing to lilac white. Early .....	\$0.25	\$2.50
<b>Beaute Francaise.</b> Lilac-rose, with a cream white collar; centre spotted carmine; very fragrant. Mid-season .....	.35	3.50
<b>Berlioz.</b> Perfect form. Large magenta rose color; silver tipped. Late .....	.35	3.50
<b>Dr. Bretonneau.</b> Lilac rose, with cream white centre, flecked crimson. Mid-season.....	.30	3.00
<b>Carnea Elegans.</b> Of a clear flesh color, glossy reflex. A free bloomer. Mid-season.....	.35	3.50
<b>Charlemagne.</b> Excellent variety. Lilac white, with a light pink centre. Fragrant. Late.....	.50	5.00
<b>Clarisse.</b> Beautiful rose pink, with silvery pink centre; fine form and habit. Mid-season.....	.25	2.50
<b>Delicatissima.</b> Pale lilac rose, free habit; fragrant. Mid-season .....	.30	3.00
<b>Duc de Cazes.</b> Bright pink, silvery reflex. Early. ....	.25	2.50
<b>Edulis Superba.</b> A bright mauve pink color, with narrow edges of lilac. Early.....	.25	2.50
<b>Eugenie Verdier.</b> Giant globe-shaped flower of a soft pink color. Mid-season.....	.50	5.00
<b>Faust.</b> Delicate flesh pink. Mid-season.....	.25	2.50
<b>Grandiflora Rosea.</b> Full globe-shaped flower, light solferino red petals, salmon centre. Mid-season .....	.30	3.00
<b>L'Indispensable.</b> Perfect shaped flower of a delicate cream color, beautifully shaded pink in centre. Very striking variety. Mid-season....	.50	5.00
<b>Lady Bramwell.</b> Delicate silvery pink. Mid-season .....	.25	2.50
<b>Mme. Forel.</b> A beautiful shade of light pink, with a silvery tipped centre. Late.....	.50	5.00
<b>Mons. Krelage.</b> Dark pink. Late.....	.50	5.00
<b>Marie Lemoine.</b> Very large, compact flower. Delicate white rose, with a creamy centre. Late... ..	.50	5.00
<b>Mme. Leonie Calot.</b> Delicate rosy white, centre petals slightly tipped carmine. Mid-season....	.50	5.00

## WHITE AND LIGHT SHADES

<b>Agnes Mary Kelway.</b> White tinted rose, cream centre. Early .....	Each \$0.25	Doz. \$2.50
<b>Alba Plena.</b> A giant flower of the purest white. Mid-season .....	.25	2.50
<b>Candidissima.</b> Creamy white, sulphur-yellow centre. Early .....	.30	3.00
<b>Couronne d'Or.</b> Snowy white with yellow reflex and deep pink edges on a few petals. Late....	.50	5.00
<b>Duc de Wellington.</b> Large, sulphur-white flower of great fragrance and with long stems. Late..	.35	3.50
<b>Duchesse de Nemours.</b> Pure white, with a sulphur white centre; very early and extra fine. Early. ....	.30	3.00
<b>Festiva Maxima.</b> Beautifully shaped flower, often 7 to 8 inches in diameter. Pure white, splashed red. Late .....	.40	4.00
<b>La Rosiere.</b> Imbricated petals of yellowish white with straw yellow centre. Mid-season.....	.35	3.50
<b>Queen Victoria.</b> Pure white; cream centre. Mid-season .....	.25	2.50
<b>Zoe Calot.</b> Pure white; suffused rose. Mid-season .....	.25	2.50

## RED AND DARK SHADES

<b>Anemoneflora Rubra.</b> Anemone form, having a broad collar; a beautiful dark crimson. Mid-season .....	.30	3.00
<b>Delachi.</b> Large flowers of a deep purple color. Late .....	.30	3.00
<b>Felix Crousse.</b> Large bright red flowers. Mid-season .....	.50	5.00
<b>General MacMahon.</b> Large anemone-shaped flower of a deep violet color. Mid-season.....	.50	5.00
<b>L'Eclatante.</b> Brilliant red. Mid-season.....	.25	2.50
<b>Louis Van Houtte.</b> Crimson maroon. Late.....	.30	3.00
<b>Meissonier.</b> Loose reddish purple flowers on tall stems. Very fragrant. Mid-season.....	.35	3.50
<b>Victor Hugo.</b> Brilliant carmine red. Late.....	.50	5.00

## PAEONY CHINENSIS

This is the common garden variety in cultivation most everywhere.

	Each	Doz.	100
<b>Double Red.</b> Large roots .....	\$0.25	\$2.50	\$15.00
<b>Double White.</b> Large roots .....	.25	2.50	15.00
<b>Double Pink.</b> Large roots .....	.25	2.50	15.00

## PAEONY OFFICINALIS (The Old Fashioned Paeony)

Fragrant flowers of immense size, flowering early in May and having a distinct foliage and growth.

	Each	Doz.	100
<b>Rosea.</b> Double pink .....	\$0.30	\$3.00	\$20.00
<b>Rubra.</b> Double red .....	.30	3.00	20.00
<b>Alba.</b> Double white .....	.30	3.00	20.00

One each of the above 3 colors for 75c.

## DOUBLE TREE PAEONIES

These very beautiful and free-flowering paeonies are from 2 to 3 weeks earlier than any other variety and the flowers, often measuring a foot in diameter, include every shade from white and softest pink to the most brilliant scarlet and purple.

<b>Abraham Lincoln.</b> Deep velvety amaranth; very double.
<b>Confucius.</b> A beautiful shade of purplish scarlet, single.
<b>Jeanne d'Arc.</b> Salmon rose with dark centre, single.
<b>Bijou de Chusan.</b> Pure white, yellow centre, semi-double.
<b>Etna.</b> Brilliant fiery red.
<b>Lambertiana.</b> Pure white, suffused with delicate rose.
<b>Louise Mouchetlet.</b> Beautiful silvery rose; extra large flower.
<b>Queen of Belgiums.</b> Blush shaded salmon rose.
<b>Beauty de Cologne.</b> Salmon rose, suffused flesh colored.
<b>Rosea Superba.</b> Salmon rose; semi-double. Beautiful.

Any of the above varieties; extra strong plants, \$1.00 each; per doz., \$11.00; (or 1 of each for \$9.00).

## PAEONIA TENUIFOLIA Flore Plena

An early flowering specie with fern-like foliage and double deep crimson flowers, a shade like the Jacq Rose. Blooms very early in May, sometimes latter part of April. Each, 30c.; per doz., \$3.00; \$20.00 per 100.

Paeony Culture is fully covered by Michell's Bulb Growing Guide. Ask for a free copy.



## Primula (Hardy Primrose)

One of the first of the early spring flowers which delight in a rich soil, preferably in a semi-shaded location. Some of the varieties are richly colored, and, generally speaking, as a perennial are worthy of a place in every hardy garden. As a hardy border edging, as well as for rocky planting, it can be highly recommended.

**Auricula.** A mixture of brilliant shades of red and yellow, of seed saved from the finest strains. 15c. each; doz., \$1.50; \$10.00 per 100.

**Polyanthus.** Velvety red, edged golden yellow. 15c. each; doz., \$1.50; \$10.00 per 100.

**Veris** (*English Cowslip*). A mixture, covering various shades of red and yellow. 10c. each; doz., \$1.00; \$7.50 per 100.

## Rosemary

**Officinalis.** 10c. each; doz., \$1.00; \$7.50 per 100.

## Rudbeckia (Cone Flower)

A variety of these will furnish a supply of cut flowers from early July until September. They are extremely hardy, doing well with every one. They could be termed "a city garden perennial," doing so well with little attention.

**Golden Glow.** Double canary yellow; 6 feet; flowers in August.

**Morgenroete** (*New*). A decided improvement on the old favorite, "Purpurea." Flowers 4 to 5 inches across; of a beautiful rosy lilac color, with a large distinct cone of light orange, which harmonizes well with the petals. 50c. each; doz., \$5.00.

**Newmanni.** Single dark orange with deep purple cone centre; 3 feet high; flowers from July to September.

**Purpurea** (*Giant Purple Cone Flower*). The flowers remain in perfect condition on the plants for weeks at a time. Flowers from July to September; 2½ feet high.

**Autumn Sun.** A splendid single flowering sort; very showy. It has long, broad petals of a bright primrose yellow; 5 to 6 feet high; flowers from August to October.

**Rays of Gold.** An improved form of the well-known Golden Glow. The flowers have the same golden color, but have narrow petals, which form a perfect globe.

Price of above Rudbeckias (except where noted), 15c. each; doz., \$1.50; \$10.00 per 100.

## Salvia

The hardy varieties of this plant are coming into great favor by reason of their beauty and freedom of bloom during the summer.

**Uliginosa.** A beautiful, late flowering species of an attractive shade of blue with a distinct white eye. The plant is of upright habit, branching, and with us grows about 5 feet high. It blooms freely and flowers practically at every axil. All who have seen it, at our nursery during the summer and autumn, were impressed with its unique and distinct beauty. Strong plants, 15c. each; doz., \$1.50; \$10.00 per 100.

## Saponaria (Soap Wort)

**Caucasica.** Double white, tinted rose, flowering all summer; 15 inches high.

**Ocymoides.** A splendid plant for rock work, growing only 9 in. high. Covered through the whole summer with masses of small, brilliant pink flowers. Either of the above, 15c. each; doz., \$1.50; \$10.00 per 100.

## Scutellaria

**Coelestinum.** A dwarf spreading Alpine plant with bright blue flowers. Splendid for rockeries. July-August. 15c. each; doz., \$1.50; \$10.00 per 100.

## Senecio

**Clivorum.** A splendid plant from China, forming a mass of large green foliage and loose branching heads of bright yellow flowers; it produces a bold effect and is particularly suited for low, damp locations. Strong plants. 25c. each; doz., \$2.50; \$17.50 per 100.

## Sedum (Stonecrop)

**Acre.** The foliage of this is a distinct attraction in itself, being of a yellowish green shade; for covering rockeries, in borders or beds on cemetery lots it is indispensable. The flower, which appears in July, is bright yellow and lasts on the plant a long while; height, 6 inches.

**Album.** Green foliage, white flowers; height, 6 inches.

**Maximum Atropurpureum.** Dark bronzy-purple foliage; red flowers. 25c. each; doz., \$2.50; \$17.50 per 100.

**Sexangulare** (*Love'en'tangle*). Dark green foliage; yellow flowers; 6 inches.

**Sieboldii.** Roundish foliage, with a blue cast, the flowers, which appear in August and September, are bright pink.

**Spectabilis.** This variety grows about 18 inches and flowers in June, foliage light green, immense heads of pink flowers.

**Spectabilis Brilliant.** One of the prettiest tall growing species, reaching a height of about 18 inches; broad light green foliage and richly colored flowers of amaranth red. September-October. 25c. each; doz., \$2.50; 100, \$17.50.

**Stahli.** Compact variety with crimson tinted foliage in autumn.

Price of any of the above, except where noted, 15c. each; doz., \$1.50; \$10.00 per 100.

## Shasta Daisy

The glistening white flowers, often 5 inches in diameter, with an attractive yellow centre, begin to appear the latter part of July and last almost till snowtime. The flower stems are long and rigid, for cutting there are few perennials that approach it as regards keeping qualities.

**Alaska.** Pure white, yellow centre. 25c. each; doz., \$2.50; \$17.50 per 100.

## Silene (Catchfly)

Charming dwarf alpine plants, in bloom from spring until fall.

**Alpestris.** Star-shaped white flowers; 6 inches high.

**Asteria Grandiflora.** Bright red.

**Schafta.** Rosy purple.

Price of Silenes, 15c. each; doz., \$1.50; \$10.00 per 100.

## Solidago (Golden Rod)

**Altissima.** The finest of the Golden Rods, growing 4 to 5 feet high, with stately panicles of bright golden yellow flowers from July to September.

**Canadensis.** Our native Golden Rod; deep yellow flowers in August and September; 4 feet.

**Golden Wings.** The finest of the Golden Rods; very showy; 5 feet high, with immense panicles of bright golden yellow flowers from July to September. 25c. each; doz., \$2.50; \$17.50 per 100.

Price of Solidagos (except where noted), 15c. each; doz., \$1.50; \$10.00 per 100.

## Stokesia (Corn Flower Aster)

The flower has the appearance combining a giant cornflower and an aster. Plants are 18 inches high, blooming from June until frost. Frequently flowers are 4 inches in diameter; highly recommended for cutting.

**Cyanea.** Very light blue.

**Cyanea Alba.** Pure white.

Price of the above, 15c. each; doz., \$1.50; \$10.00 per 100.

## Statice (Sea Lavender)

This may be classed among the everlasting flowers, as it is principally grown for dried winter bouquets. The foliage is heavy, out of which rise large panicles made up of tiny florets, which produce a fine effect. Blooms usually from June till October.

**Gmelini.** Immense panicles of flowers of a delicate light blue color; 15 inches high. July to October.

**Latifolia.** Dark blue flowers.

**Eximia.** Lilac flowers; 15 to 18 inches.

**Tartarica.** Deep lilac flowers; 15 to 18 inches high.

Price of the above, 15c. each; doz., \$1.50; \$10.00 per 100.

## Trillium (Wood Lily)

Excellent for shaded positions, flowering very early in spring.

**Grandiflorum.** White. 10c. each; doz., \$1.00; \$6.50 per 100.

## Thalictrum (Meadow Rue)

Very graceful plants with handsome, finely cut foliage; they make splendid border plants, also useful for rockeries.

**Aquilegiafolium Atropurpureum.** Rosy purple; 3 feet.

**Aquilegiafolium Album.** White; 3 feet.

**Aquilegiafolium Album Compactum.** A compact growing form of the Columbine-leaved Meadow Rue, not over 2 feet high; flowers of purest white in large heads. 35c. each; doz., \$3.50.

**Flavum.** Rich yellow; 2 feet.

**Adiantifolium.** Foliage resembles the Maiden Hair Fern; miniature white flowers appear in profusion in June and July; 12 inches.

**Dipterocarpum.** Valuable for cut flowers. The individual plants are of a rosy purple color; 4 feet; June to August. 35c. each; doz., \$3.50.

Price of above Thalictrums, except where noted, 25c. each; doz., \$2.50; \$17.50 per 100.

## Valeriana (Spurred Flower)

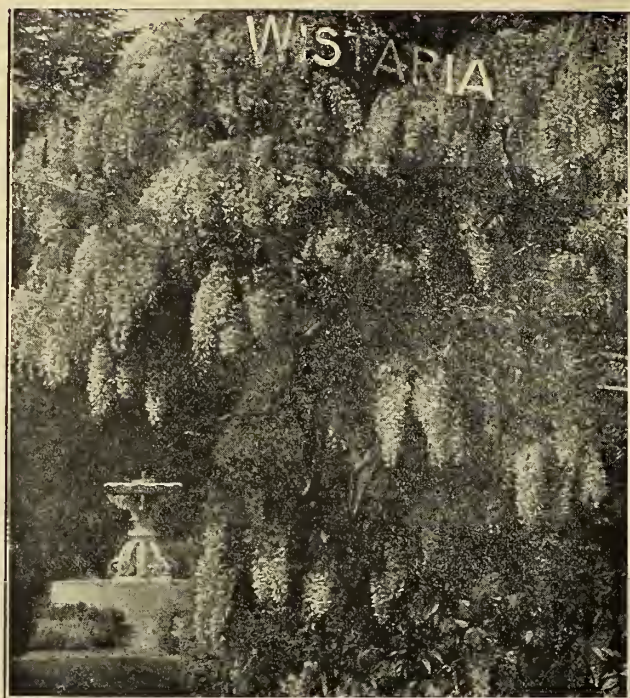
**Coccinea.** Showy heads of red flowers, in bloom all summer; 2 feet.

**Coccinea Alba.** A white form of above.

Price of any of the above, 15c. each; doz., \$1.50; \$10.00 per 100.



# MICHELL'S CLIMBING PLANTS AND VINES



<b>Actinidia Arguta</b> ( <i>Silver Vine</i> ). Beautiful dark green, heart-shaped foliage. Fine for covering tree trunks, etc.....	Each \$0.50	Doz. \$5.00
<b>Akebia Quinata</b> . Quick growing vine.....	.25	2.50
<b>Ampelopsis Engelmanni</b> . Foliage green in summer, turning to crimson in the autumn.....	.35	3.50
<b>Ampelopsis Henryana</b> . A new variety from China	.40	4.00
" <b>Humilifolia</b> . Dark glossy green foliage	.50	5.00
" <b>Lowii</b> ( <i>New Japanese Ivy</i> ). Clings to the smoothest surface on its own accord. Rapid grower .....	.50	5.00
<b>Ampelopsis Quinquefolia</b> ( <i>Virginia Creeper</i> ).....	.25	2.50
" <b>Veitchii</b> ( <i>Boston Ivy</i> ).....	.25	2.50
<b>Aristolochia Siphon</b> ( <i>Dutchman's Pipe</i> ).....	.50	5.00

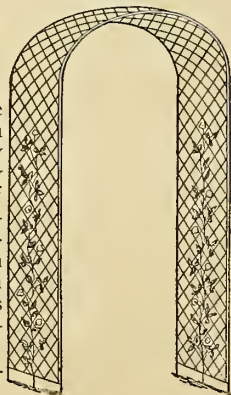
<b>Celastrus Scandens</b> ( <i>Bittersweet</i> ). A vine of very rapid growth .....	Each \$0.35	Doz. \$3.50
<b>Clematis Coccinea</b> . Red .....	.30	3.00
" <b>Crispa</b> . Lavender .....	.30	3.00
" <b>D. of Edinboro</b> . Double white.....	.50	5.00
" <b>Flammula</b> . White .....	.30	3.00
" <b>Henryi</b> . White .....	.50	5.00
" <b>Integrifolia Durandi</b> . Blue .....	.50	5.00
" <b>Jackmanni</b> . Purple .....	.50	5.00
" <b>Mad. Baron Villard</b> . Reddish purple...	.50	5.00
" <b>Mad. Edw. Andre</b> . Red .....	.50	5.00
" <b>Montana Grandiflora</b> . White .....	.50	5.00
" <b>Montana Rubens</b> . Red .....	.50	5.00
" <b>Nellie Moser</b> . White and pink.....	.50	5.00
" <b>Paniculata</b> . White (3 year).....	.25	2.50
"         "         White (2 year).....	.50	5.00
" <b>Sieboldi</b> . Blue .....	.50	5.00
" <b>Ville de Lyon</b> . Red.....	.50	5.00
<b>Euonymus Radicans Variegata</b> . Self-clinging vine for walls, stumps or rockeries.....	.15	1.50
<b>Euonymus Radicans Vegetus</b> . Dense foliage....	.25	2.50
" <b>Kewensis</b> . Valuable for rockeries....	.25	2.50
" <b>Radicans</b> . Deep green foliage.....	.15	1.50
<b>Honeysuckle Chinese Evergreen</b> ( <i>Woodbine</i> ). Very fragrant .....	.25	2.50
" <b>Halliana</b> . Continuous bloomer.....	.25	2.50
" <b>Heckrothi</b> . Deep red flowers.....	.30	3.00
" <b>Variegated</b> . Beautiful mottled foliage	.25	2.50
<b>Lathyrus</b> ( <i>Hardy Sweet Pea</i> ). <b>White Pearl</b> .....	.15	1.50
"         "         "         " <b>Pink Beauty</b> . Brilliant rose .....	.15	1.50
"         "         "         " <b>Latifolius Albus</b> . Pure white .....	.15	1.50
<b>Lycium Barbarum</b> ( <i>Matrimony Vine</i> ) .....	.25	2.50
<b>Polygonum Auberti</b> . Remarkably strong grower, growing about 12 feet in one season.		
"         White flowers .....	.75	8.00
" <b>Baldschuanicum</b> . Light pink.....	.75	7.50
<b>Schizophragma Hydrangeoides</b> ( <i>Climbing Hydrangea</i> ). Introduced from Japan. The large white flower trusses somewhat resemble a Hydrangea and produce a wonderful display. Clings to any surface and is particularly suited for twining about tree trunks .....	.85	8.50
<b>Wistaria Chinensis</b> . Pale blue, somewhat fragrant	.50	5.00
<b>Wistaria Chinensis Alba</b> . White-flowering.....	.50	5.00

## TRELLIS WORK FOR CLIMBING VINES OF ALL KINDS

On page 52 we list a full line of wood and wire trellis, stock sizes. Arches and upright Wire Works are supplied to order promptly.

### GALVANIZED WIRE ARCHES

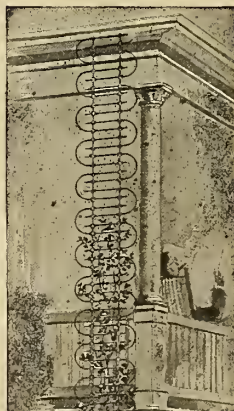
These can be furnished on short notice any height or any width. Made of extra heavy galvanized diamond mesh wire with strong frames to prevent sagging.  
Price 25c. per square foot.



### CONTINUOUS WIRE TRELLIS

Excellent for training vines of all kinds up porches, verandas, pergolas, etc. Thoroughly galvanized and well made.

Any length desired up to 150 running feet.  
13 in. wide, less than 150 ft. rolls, 13c. per ft.  
13 in. wide, in roll lots, 150 ft., 10c. per ft.  
19 in. wide, less than 150 ft. rolls, 15c. per ft.  
19 in. wide, in roll lots, 150 ft. 12c. per ft.

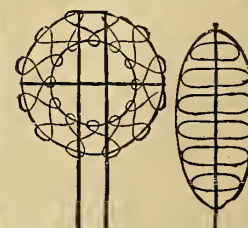


Continuous Trellis

### WIRE TRELLIS

Made to Order

We are able to have made, at short notice, special sizes of wire trellis, any length and any width, at 25c. per sq. ft.



Ivy Style Trellis

Oval Trellis



Wooden Veranda Trellis



# Michell's Decorative Bay Trees and Boxwood <sup>17</sup>

## BAY TREES (*Laurus Nobilis*)

### OUR OWN IMPORTATION

Despite the complications in Belgium, we have succeeded to import a limited number of these highly decorative Bay Trees in Standard (see illustration) and Pyramidal forms. These arrived from Belgium this spring and are in extra fine condition. Plants are grown and established in tubs. Any of the following will make handsome effects on the piazza, on the lawn or under pergolas.

#### Standards (see illustration)

Stem	Head	Each
24 inches.....	22 to 24 inches.....	\$7.50
45 inches.....	24 to 26 inches.....	8.50
45 inches.....	32 to 35 inches.....	12.00
38 inches.....	38 to 42 inches.....	15.00

#### Pyramids

Height	Base	Each
5 feet.....	22 inches.....	\$7.50
6 feet.....	24 to 26 inches.....	10.00

## RUSTIC WINDOW BOXES

(See illustration below)

Attractively made and neatly finished; for indoor or outdoor use.

Length	Depth Outside	Width Outside	Price
24 inches....	7½ inches....	11 inches....	\$1.40
30 inches....	7½ inches....	11 inches....	1.75
36 inches....	7½ inches....	11 inches....	2.10

Any length made to order. 75c. per running foot, 11 inches wide.



Standard Bay Tree



Pyramidal Box

## BOXWOOD (*Buxus Sempervirens*)

Boxwood is a familiar sight on the lawns or along walks of many of our old historic homes. We have imported a large number of these desirable plants in pyramidal form, in natural or untrimmed state, in ball shapes and in tree form. The untrimmed plants can be used for hedge effects, as individual specimens in porch or window boxes.

#### Ball Shaped.

These are effective for vestibule and garden decoration.

12 inch diameter.....	each \$2.50
15 inch diameter.....	each 3.00

#### Pyramidal Shaped Boxwood (in Tubs).

2½ feet high.....	each \$2.50
3 feet high.....	each 3.25
3½ feet high.....	each 3.50
4 feet high.....	each 4.00
5 feet high.....	each 7.50

#### Tree Shaped.

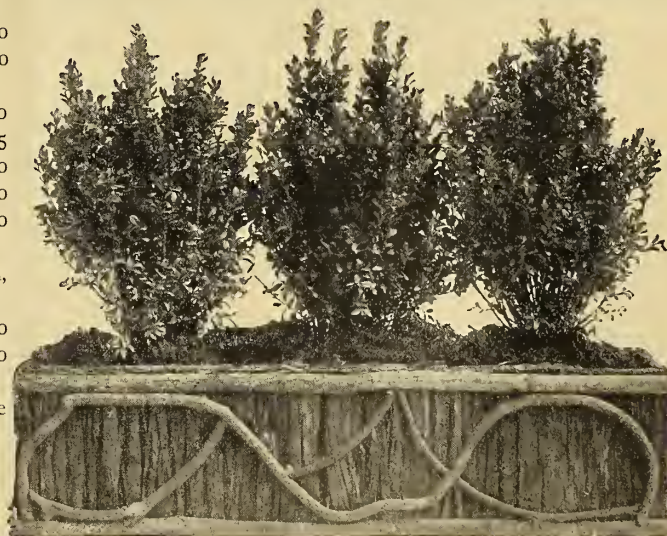
Attractive when placed along garden walks under pergolas, on verandas, etc.

18 to 24 inch stems, 15 inch head.....	each \$2.50
18 to 24 inch stems, 18 inch head.....	each 3.50

#### Bush Shaped Untrimmed Boxwood.

Being of evergreen nature and perfectly hardy, they are indispensable for planting in window boxes during winter.

10 inches high, 40c. each; dozen, \$4.00.
12 inches high, 50c. each; dozen, 5.00.
15 inches high, 75c. each; dozen, 7.50.
18 inches high, \$1.00 each; dozen, 10.00.
24 inches high, 1.75 each; dozen, 18.00.



A Window Box Planted with Boxwood

Plants ship best by express. No plants sent C. O. D.

(hn)



# 18 MICHELL'S HARDY POT-GROWN ROSES

## FOR PLANTING OUTDOORS IN SUMMER AND AUTUMN

Each season we carry over for Summer and Autumn sales a quantity of choice rose plants. Where our stock of pot-grown varieties is exhausted in Hybrid Perpetual sorts these can be furnished about November 1st in strong field plants. Field-grown plants of Hybrid Tea sorts do not transplant well in the autumn, so that in this class we have listed only the kinds that we have in **strong two-year-old pot-grown stock**, which, if planted out now, will produce flowers this Summer and Autumn until frost.

Order now while the selection is good; and have your rose garden established for next spring.



*Earl of Warwick*

### EVERBLOOMING HYBRIDS TEA VARIETIES

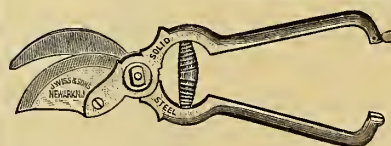
	Each	Doz.
Antoine Rivoire. Flesh pink .....	\$0.50	\$5.00
Betty. Coppery rose, shaded golden yellow.....	.50	5.00
Belle Siebrecht. Brilliant pink.....	.50	5.00
British Queen. The finest white rose.....	.75	7.50
Dean Hole. Salmon pink.....	.50	5.00
Dorothy Page Roberts. Coppery yellow.....	.60	6.00
Duchess of Westminster. Clear rose.....	.75	7.50
Duchess of Sutherland. Pink, shaded yellow.....	.60	6.00
Earl of Gosford. Rich deep crimson.....	.75	7.50
Earl of Warwick. Soft salmon pink.....	.50	5.00
Edgar M. Burnett (New). Flesh colored.....	1.50	
Edward Mawley. Velvety crimson.....	.60	6.00
Etoile de France. Brilliant crimson.....	.60	6.00
Francisca Kruger. Yellow.....	.50	5.00
Geo. C. Waud. Rich vermilion.....	.50	5.00
Geo. Dickson. Velvety black.....	.75	7.50
Harry Kirk. Deep canary yellow.....	.60	6.00
Hugo Roller. Lemon yellow, shaded crimson....	.60	6.00
Jonkheer J. L. Mock. Deep pink.....	.50	5.00
Jos. Hill. Salmon pink .....	.50	5.00
Kaiserin Augusta Victoria. Pure white.....	.50	5.00

### EVERBLOOMING HYBRIDS, TEA VARIETIES

(Continued)

	Each	Doz.
Killarney Pink. The ever popular variety.....	\$0.50	\$5.00
Lady Alice Stanley. Deep rose.....	.75	7.50
Lady Pirrie. Reddish salmon .....	.75	7.50
La France. Satiny rose .....	.50	5.00
Laurence Carle. Carmine red .....	.50	5.00
Lieutenant Chauré. Velvety crimson .....	.60	6.00
Mme. Abel Chantenay. Carmine rose.....	.50	5.00
Mme. Caroline Testout. Bright satiny rose.....	.50	5.00
Mme. Chas. Lutand. Chrome yellow.....	.75	7.50
Mme. Edmond Rostand. Salmon.....	.75	7.50
Mme. Edouard Herriott. Salmon, shaded yellow.	.85	8.50
Mme. Jules Grolez. Silvery rose.....	.50	5.00
Mme. Leon Pain. Salmon orange .....	.50	5.00
Mme. Melanie Soupert. Yellow .....	.50	5.00
Mme. Second Weber. Soft salmon pink.....	.50	5.00
Maman Cochet White .....	.50	5.00
Marquise de Sinety. Light orange yellow.....	.60	6.00
Mary Countess of Ilchester. Crimson carmine....	.60	6.00
Molly Sharman Crawford. Pure white.....	.60	6.00
Mrs. Aaron Ward. Deep Indian yellow.....	.60	6.00
Mrs. A. R. Wadell. Rosy scarlet.....	.50	5.00
Mrs. W. Christie Miller. Soft peach.....	.60	6.00
My Maryland. Salmon pink.....	.50	5.00
Old Gold. Coppery red, shaded apricot.....	1.00	
Souvenir de Cath. Guillot. Coppery carmine....	.50	5.00
Souvenir de Gustav Prat. Sulphur yellow.....	.60	6.00
Souvenir de la Malmaison. Flesh pink .....	.50	5.00
Souvenir de Pierre Notting. Apricot yellow....	.50	5.00
Souvenir de Pres. Carnot. Soft pink.....	.50	5.00
The Lyon. Coral red, yellow base.....	.50	5.00
White Killarney .....	.50	5.00
William Shean. Delicate pink.....	.50	5.00
Willowmere. Rich pink, shaded yellow.....	.75	7.50
W. R. Smith. Blush white, suffused pink.....	.50	5.00

### PRUNING SHEARS



A good pair of these will be found indispensable in the rose garden.

No. 109. Wiss Pruning Shears made of solid steel. 8

inches long; \$2.00 per pair. Parcel Post weight, 2 lbs.

### ROSE GATHERER (See below)



Cuts the stem and holds it without crushing. Just the thing to carry in the pocket or flower basket 6 inches long. No. 177; price, \$1.00.

### ROSE SCISSOR (See opposite)

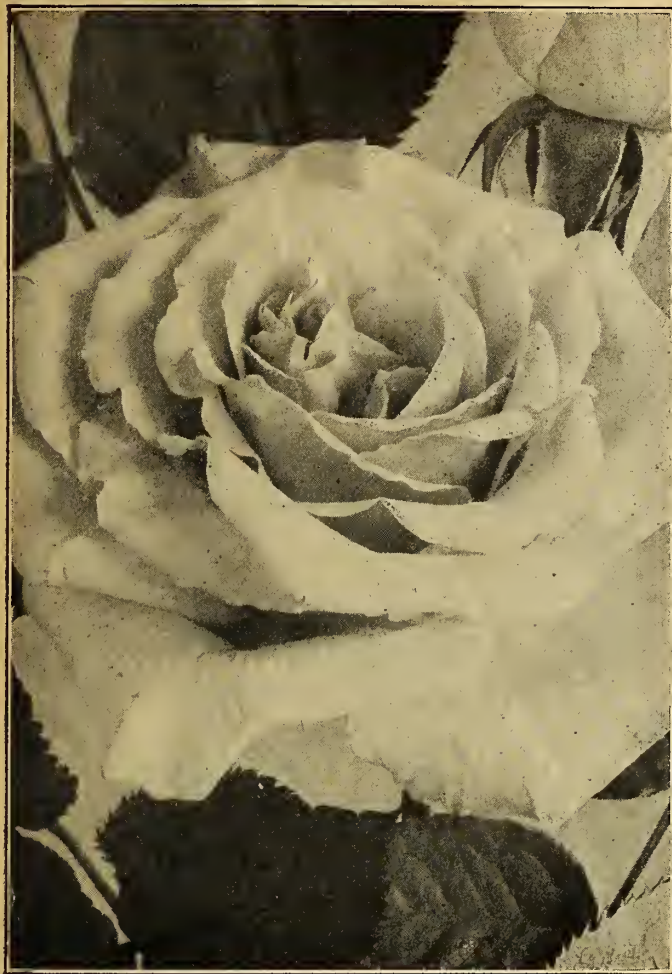
Cuts flower and holds the stem.

Nickeled. No. 1922; \$1.00.





# MICHELL'S HARDY POT-GROWN ROSES 19



Hybrid Perpetual Rose, Mrs. John Laing

## HYBRID PERPETUAL VARIETIES

	Each	Doz.
Baroness Rothschild. Delicate pink.....	\$0.50	\$5.00
Baron de Bonstetten. Velvety red, almost black; a vigorous grower; large, double, sweet-scented flowers .....	.50	5.00
Captain Christy. Pink .....	.50	5.00
Fisher Holmes. Bright scarlet, shaded maroon...	.50	5.00
Frau Karl Druschki. Pure white; of most exquisite shape .....	.50	5.00
George Arends. This is a clear pink variety of the Druschki type. It is frequently referred to as the pink Druschki Rose.....	.50	5.00
Gloire de Lyonnaise. White; with a slight trace of yellow .....	.50	5.00
Magna Charta. One of the largest; color deep pink .....	.50	5.00
Mrs. John Laing. Soft pink, very fragrant and large .....	.50	5.00
Mrs. R. G. Sharman Crawford. The finest light pink rose .....	.50	5.00
Paul Neyron. The largest of all roses, deep rose.	.50	5.00
Prince Camille de Rohan. Deep velvety crimson maroon .....	.50	5.00
Ulrich Brunner. Bright cherry red, flowers large and full .....	.50	5.00

## MISCELLANEOUS VARIETIES

	Each	Doz.
Blanche Moreau (Moss). Pure white.....	\$0.50	\$5.00
Crimson Globe (Moss). Deep crimson.....	.50	5.00
Juliet (Austrian Briar). Vermilion.....	.50	5.00
Soleil d'Or (Austrian Briar). Golden orange.....	.50	5.00

## DWARF BABY RAMBLERS OR POLYANTHA ROSES

Annchen Muller. Brilliant rose pink flowers, produced in enormous clusters. The flower petals are somewhat frilled, which make it especially attractive .....	\$0.50	\$5.00
Erna Terschendorff. The true scarlet Baby Rambler .....	.50	5.00
Madame Norbert Levavasseur (Crimson Baby Rambler). This is identical with the Crimson Rambler in color and form, except that it is probably more intense red.....	.50	5.00
Katherine Zeimet (White Baby Rambler). Pure white, with yellow stamens. Makes a variety of color when planted in with pink or scarlet....	.50	5.00
Mrs. W. Cutbush (Pink Baby Rambler). A cerise pink; a persistent bloomer, with very double flowers .....	.50	5.00
Louise Walter. Soft blush pink, almost the exact shade of the variety "Tausendschoen." The flowers are larger than most of the other varieties, but are fewer in number.....	.50	5.00
Orleans. Rich brilliant red flowers, which turn to pink as they become older. The centre of the flower is white .....	.50	5.00
Phyllis. Beautiful carmine pink.....	.50	5.00

## ROSA RUGOSA

Alba. Single white .....	.35	3.50
Blanc Double de Coubert. Large double pure white	.50	5.00
Rubra. Crimson carmine, single.....	.35	3.50

## CLIMBING ROSES

American Pillar. Large single flowers; a rich shade of pink; very showy.....	.50	5.00
Christine Wright. Bright rose pink.....	.60	6.00
Climbing American Beauty. Undoubtedly the finest Climbing Rose; deep pink flowers of a delightful fragrance .....	.60	6.00
Crimson Rambler. This well-known variety produces in abundance large clusters of crimson flowers .....	.50	5.00
Dorothy Perkins. Pink flowers in long sprays, which are very fragrant and lasting; a deservedly popular rose .....	.50	5.00
Excelsa (The Crimson Rambler par excellence). This variety supersedes to a great extent the older Crimson Ramblers, not only by reason of its intense crimson-maroon flowers, which are tipped with scarlet and are very large for a rose of this type, but because of its healthy lustrous foliage, which is free from mildew. It is a very free-flowering rose, its blossoms breaking from almost every eye in clusters of from 30 to 40 flowers .....	.50	5.00
Glorie de Dijon. This rose is not hardy in the latitude of Philadelphia, but is such a grand variety and in constant demand it has been added to our list; exquisitely scented; a beautiful flower; salmon pink. South of Washington the variety is generally hardy, though we recommend even there slight protection during winter.....	.50	5.00
Hiawatha. Single scarlet, with a yellow circle; most dazzling and effective.....	.50	5.00
Silver Moon. Gigantic pure white flowers, frequently 5 inches in diameter.....	.75	7.50
White Dorothy Perkins. The best white Rambler Rose yet introduced .....	.50	5.00
Tausendschoen. We cannot too highly recommend this rose on account of its free-flowering qualities and its exquisite shade of soft pink, which changes to a rosy carmine when fully open. These flowers are borne in large sprays of from 10 to 15 flowers each, individual flowers measuring quite 3 inches across. For pergolas or pillars it has few equals.....	.50	5.00

Roses travel best by Express. None sent C. O. D.

(hn)

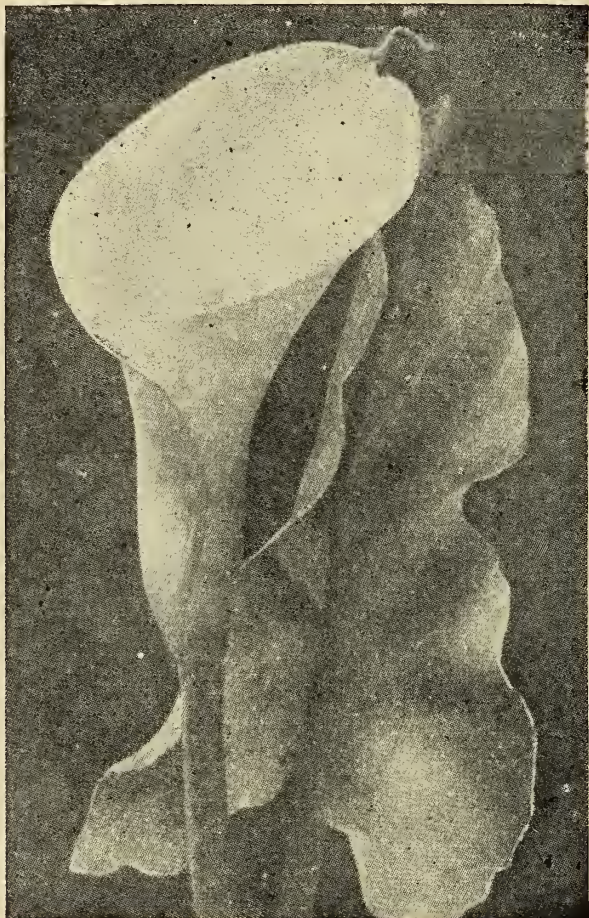


# FALL, WINTER AND SPRING FLOWERING BULBS

Easter in 1917 comes on April 8th

## ALLIUM Neapolitanum Ready in August

Used exclusively for indoor culture in pots and pans. It is especially adapted to forcing and makes an excellent cut flower; color pure white. Height, 12 inches. It is not hardy, so cannot be planted outdoors. Dozen and 100 lots mailed free. Each, 2c.; 15c. per doz.; per 100, 90c.; \$7.00 per 1000.



White Calla Lily

## CALLA LILY BULBS

Ready in August

Callas require good, rich soil and plenty of warmth and water to make them thrive. The White Calla may also be grown in water. The black variety does not require so much moisture. When through flowering the pots may be laid on their side to allow the tops of bulb to die off. The plant may thus be used another season. Plant Callas indoors only.

### GODFREY DWARF EVERBLOOMING CALLA (New)

This comparatively new calla has proven an excellent one, its character is exactly like the Æthiopica or regular variety, except it is of much dwarfer habit and freer bloomer; very desirable as a pot plant, and will, we believe, be very popular in a short while. Large blooming size bulbs, 25c. each; doz., \$2.50; \$15.00 per 100.

### CALIFORNIA CALLAS

	Each	Doz.	100
White, Monster Size .....	\$0.40	\$4.00	\$30.00
" Mammoth Size .....	.30	2.75	17.50
" Medium Size .....	.15	1.75	12.50
" First Size .....	.15	1.25	8.00

Other varieties of Callas ready in October.



Fischer's Strain Purity Freesia

## FREESIAS (Ready in July)

**Fischer's Strain Purity.** This is the grandest freesia ever offered. The flowers are almost twice the size of the regular type; they also differ somewhat, being a pure glistening white; the stems are often 15 inches long and very wiry, rendering it a most valuable cut flower. Each bulb will produce 3 or 4 flower stems.

	Each	Doz.	100	1000
First Size Bulbs.....	\$0.04	\$0.35	\$2.00	\$17.50
Mammoth Size Bulbs.....	.05	.40	2.50	20.00
Monster Size Bulbs .....	.10	1.00	5.00	45.00
Jumbo Bulbs .....	.15	1.25	8.00	65.00
<b>Bermuda. Pure white:</b>				
First Size .....	.03	.20	1.00	8.00
Mammoth Size .....	.04	.30	1.50	10.00
Monster Size .....	.05	.50	2.50	20.00
<b>California. White with yellow throat:</b>				
First Size .....	.03	.20	1.00	7.50
Mammoth Size .....	.04	.25	1.50	11.00
Monster Size .....	.05	.40	2.50	20.00
<b>Leichtlini. (Ready in September).</b>				
Outside of flower.....				
inside is yellow.....	.03	.25	1.50	12.00



**Cow Manure (Shredded).** One sack of this is equal to one cartload of fresh cow manure, making it possible for everyone to get this usually scarce article at all times. Excellent for mixing with soil when potting bulbs. 5 lbs., 25c.; 10 lbs., 40c.; 25 lbs., 75c.; 50 lbs., \$1.25; 100 lbs., \$2.25; 500 lbs., \$10.00; 1000 lbs., \$16.50; ton, \$32.00.



(Ready in August)



Michell's Monster White Roman Hyacinths

## MICHELL'S EARLY NARCISSI

(Ready in August)

**French Trumpet Major** (Christmas Flowering). A beautiful early flowering yellow variety. They force easily and can be had in flower without any trouble for Xmas. **Mammoth Bulbs.** 5c. each; doz., 40c.; \$2.75 per 100; per 1000, \$25.00.

**French Poeticus Ornatus.** Produces larger flowers and blooms much earlier than the Dutch grown. **Mammoth Bulbs.** 4c. each; doz., 40c.; \$2.00 per 100; per 1000, \$17.50.

**French Trumpet Emperor.** A grand early variety with gigantic yellow flowers. Excellent for early forcing. 6c. each; doz., 60c.; \$3.00 per 100; per 1000, \$27.50.

## MICHELL'S EARLY POLYANTHUS NARCISSI

The flowers are produced in clusters, and they are delightfully fragrant. Not suitable for outdoors. Parcel Post Weight of Polyanthus Narcissus, 2 lbs. per doz.; 100, 12 lbs.

**Paper White Grandiflora, First Size Bulbs.** This is quite a specialty with us; of it alone we import over one million bulbs. It is a pure white flowering sort; used extensively for forcing as it can be brought into bloom in 8 weeks' time; the stems are very long and it is excellent for bunching. 4c. each; doz., 25c.; \$1.50 per 100; per 1000, \$14.00.

**Paper White Grandiflora, Mammoth Bulbs.** 6c. each; per doz., 40c.; \$2.00 per 100; per 1000, \$17.50.

**Paper White Grandiflora, Giant Bulbs.** 7c. each; doz., 60c.; \$4.00 per 100; per 1000, \$35.00.

**Double Roman.** White perianth, with an orange and yellow suffused cup; very free flowering and early. 4c. each; per doz., 30c.; \$1.50 per 100; per 1000, \$12.75.

**Grand Soleil d'Or** (see illustration). Rich yellow, with deep red cup. For cutting this is a fine variety, as it makes a grand show. 5c. each; per doz., 40c.; \$2.50 per 100; per 1000, \$20.00.

Other varieties of Narcissus ready in September.

French Roman Hyacinths afford a continuous supply of bloom from early winter until late in spring if planted in succession (two weeks apart). They are very fragrant. The blooms are suitable for most any kind of cut-flower work; they also look very attractive if planted in boxes or pots and used for window decoration.

They are easily grown in pots or pans. The bulbs, if potted in August or September, the pots plunged in the open ground for a month, until the bulbs are well rooted, and then brought in the house, they can be had in flower in November or December, and a continuous supply of these delightful flowers may be had, by bringing in a few pots or pans of the rooted bulbs at intervals of about 2 weeks. The bulbs should be planted quite close together, a 6-inch pot or pan will be sufficiently large enough for six bulbs. They are not hardy and are not suitable for outdoor planting.

	Each	Doz.	100	1000
<b>White.</b> Extra select size, 12 to 15 ctm.	\$0.06	\$0.60	\$3.50	\$32.50
“ Mammoth, 13 to 15 ctm.	.07	.75	4.50	42.50
“ Monster, 15 ctm. and over	.08	.90	6.00	55.00
<b>Dark Pink</b>	.05	.50	3.25	30.00
<b>Light Blue</b>	.05	.50	3.25	30.00
<b>Light Pink</b>	.06	.60	3.50	32.50
<b>Italian.</b> Late white, large spikes	.05	.50	3.25	30.00

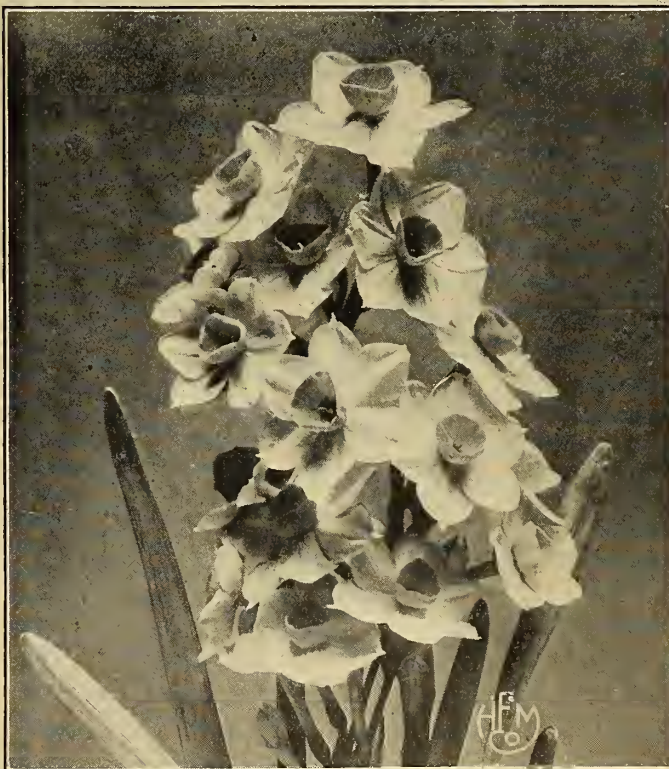
Parcel Post Weight, 1 lb. per doz.; per 100, 8 lbs.

## EXTRA EARLY (Ready in August) GOLDEN SPUR NARCISSUS

For Christmas and New Year's forcing this strain is far in the lead of the regular Dutch type. The flower is large and is produced fully ten days to two weeks earlier and the stems are much longer. It is also more free-flowering, producing rich, golden yellow blooms. Each Doz. 100 1000

**Mammoth Bulbs** .....\$0.06 \$0.60 \$4.00 \$35.00

Parcel Post Weight of Narcissus, 2 lbs. per doz.; per 100, 12 lbs.



Narcissus Grand Soleil d'Or





*Lilium Formosum*, grown from one bulb of Michell's Easter Lilies, showing 18 fully developed flowers, and an abundance of buds

**Cultural Note**—In order to obtain best results, attention to the following brief directions will assist materially: Upon receiving the bulbs, pot them immediately. Place a handful of well-rotted cow manure in the bottom of the pot and place the bulb directly on top, covering it with soil. After watering, place in an outside pit and protect from the direct rays of the sun; cover well with soil, ashes or any other suitable litter. When thoroughly rooted, bring inside, in a temperature of about 60°; let the plants grow slowly under a bench or some other suitable place until about 6 inches high; then place on top of the bench. About two months before Easter they can be brought into a warmer temperature and gradually forced into flower and height at one time. An occasional application of liquid cow manure will stimulate the plant wonderfully. Spray the foliage once a day. Never allow the soil to get very dry, and never feed, unless the soil is moist.

### MICHELL'S "SPECIAL BRAND" LILIUM HARRISII (True Bermuda Easter Lily)

Noted for freedom from disease, uniformity and free flowering qualities.

Size in Circum.	P. P. Wt. per doz.	Each	Doz.	100	1000
5 to 7 inches	.....2½ lbs.	\$0.10	\$1.00	\$6.50	\$62.50
6 to 7 "	.....3 lbs.	.15	1.50	9.00	85.00
7 to 9 "	.....3½ lbs.	.25	2.00	13.50	125.00
9 to 11 "	.....5 lbs.	.50	5.00	27.50	
11 to 13 "	.....7 lbs.	.75	7.50	57.50	

### LILIUM LONGIFLORUM MULTIFLORUM MICHELL'S SPECIAL BRAND (Ready in October)

This brand must not be compared with lower priced bulbs, as it is a distinct selection.

	P. P. Wt. per doz.	Each	Doz.	100	1000
6 to 8 inches	.....2½ lbs.	\$0.08	\$0.80	\$5.50	\$50.00
7 to 9 "	.....3½ lbs.	.12	1.10	7.50	70.00
8 to 10 "	.....4 lbs.	.18	1.75	10.50	95.00
9 to 10 "	.....5 lbs.	.25	2.00	12.00	105.00
Monster Bulbs	.....7 lbs.	.50	5.00	35.00	

If Lilies are wanted by Parcel Post, please add postage at zone rates

### LILIUM FORMOSUM (The Formosa Easter Lily)

Similar to the Bermuda Lily, but blooms earlier.

#### Dark Stemmed Type (Flowering generally in March and April.)

	Weight Per Doz.	Each	Doz.	100	1000
6 to 8 inches circum.	.....2½ lbs.	\$0.15	\$1.50	\$8.00	\$75.00
7 to 9 "	.....3½ lbs.	.20	2.25	13.50	120.00
9 to 10 "	.....5 lbs.	.25	2.50	17.50	160.00
10 to 12 "	.....7 lbs.	.50	5.00	35.00	
Monster Bulbs	.....9 lbs.	1.00	10.00		

#### Green Stemmed Type (Flowering generally in January, February and March.)

	Weight Per Doz.	Each	Doz.	100	1000
6 to 8 inches circum.	.....2½ lbs.	\$0.10	\$1.00	\$7.00	\$65.00
7 to 9 "	.....3½ lbs.	.15	1.50	10.00	85.00
9 to 10 "	.....5 lbs.	.20	2.00	15.00	135.00
10 to 12 "	.....7 lbs.	.40	4.00	30.00	
Monster Bulbs	.....9 lbs.	.75	7.50		

### LILIUM LONGIFLORUM GIGANTEUM (True)

	Weight Per Doz.	Each	Doz.	100	1000
6 to 8 inches	.....2½ lbs.	\$0.10	\$1.00	\$7.00	\$65.00
7 to 9 "	.....3½ lbs.	.15	1.50	9.00	85.00
9 to 10 "	.....5 lbs.	.20	2.00	15.00	135.00
Monster Bulbs, 10 to 12 ins.	7 lbs.	.50	5.00	35.00	

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates

(ha)



## LILIUM CANDIDUM

(Ready in August)

This variety is sometimes called St. Joseph's, Madonna, or Annunciation Lily. One of the most popular and satisfactory of the American garden lilies. Pure waxy white flowers produced on straight stems bearing anywhere from 10 to 30 blooms of good size and substance; delightfully fragrant. Effective plantings are the result of massing them in clumps or borders. Our bulbs are grown in Northern France, where they have a reputation of growing the finest in the world. To insure absolute success, plant the bulbs as early as possible—September preferred—6 inches deep imbedded in sand and placed on their side; height, 4 feet; blooms in June.

	Each	Doz.	100	1000
Large				
Bulbs ...	\$0.12	\$1.00	\$7.50	\$65.00
Mammoth				
Bulbs ...	.15	1.50	10.00	90.00
Monster				
Bulbs ...	.25	2.50	17.50	150.00
Other Lilies will be offered in our September Catalog.				



*Lilium Candidum (Madonna Lily)*

## ORNITHOGALUM ARABICUM

(STAR OF BETHLEHEM)

*Ready in August*

A favorite white, spring-flowering bulb; plant in October for outdoor use, or in September for indoor blooming. Large bulbs: Each, 5c.; 30c. per doz.; per 100, \$2.00; \$18.00 per 1000.

## COLD STORAGE LILY OF THE VALLEY

Every gardener at odd times requires this exquisite flower for table decorations or other occasions. Our stock is the best procurable, and can be supplied at any time during the entire year in lots of not less than 100. They can be brought into flower in from 25 to 30 days with little or no trouble. **Michell's Giant Flowering Strain.** 50 for \$1.75; \$3.00 per 100; 250 for \$7.00.

### TESTIMONIAL FROM JAPAN

The bulbs arrived here this morning per parcel post. They were all in perfect condition. Let me express my thanks for the careful execution of my order.

Yours truly,  
F. OYAMA,  
47 Fushi Midai.

Dairen.



## OXALIS (Ready in July)

For conservatory, greenhouse and window garden culture the Oxalis is ideal. It succeeds anywhere and with any one, flowering often in 6 to 8 weeks after planting. Each Doz. 100 1000

Grand Duchess.	Yellow .....	\$0.03	\$0.25	\$1.50	\$10.00
"	White .....	.03	.25	1.50	10.00
"	Pink .....	.03	.25	1.50	10.00
"	Lavender .....	.03	.25	1.50	10.00
Bermuda Buttercup.	Yellow first size	.03	.25	1.50	12.00
"	Monster Bulbs..	.05	.50	3.00	25.00

*Other Oxalis Ready in September*



# CONDENSED ITEMIZED PRICE LIST OF BULBS

This list has been arranged for the convenience of those who are in the habit of placing their orders for Dutch and Miscellaneous Bulbs early; complete descriptions of all the varieties of bulbs offered on the following four pages will be found in our September catalog when issued.

	Each	Doz.	100	1000		Each	Doz.	100	1000
<b>Aconite.</b> (Eranthis Hyemalis), Yellow.	\$.03	\$0.20	\$1.00	\$7.50	<b>Cyclamen.</b> Pers. Gig.				
<b>Allium.</b> Neapolitanum, White.	.02	.15	.90	7.00	Dark Red, Light Red, Clear Pink,				
<b>Amaryllis.</b>					Light Pink with carmine eye,				
Belladonna Major, Pink	.15	1.50			White with carmine eye, Pure				
Formosissima, Red	.10	1.00			White, each color separate.	\$.015	\$1.50	\$11.00	
Hybrids of Vittata, Mixed.	.50	5.00			Glory of Wandsbeck, Dark Red.	.20	2.00	15.00	
Johnsoni First Size.	.30	3.00			Glory of Wandsbeck, Light Red.	.20	2.00	15.00	
Johnsoni (Mammoth Bulbs).	.50	5.00			<b>Dielytra.</b> Spectabilis (Bleeding Heart)	.20	2.00	15.00	
<b>Anemone.</b>					<b>Eranthis.</b> Hyemalis (Aconite).	.03	.20	1.00	\$7.50
Coronaria, Single Scarlet	.03	.20	1.25	10.00	<b>Eremurus.</b>				
" Single Blue	.03	.20	1.25	10.00	Himalaicus, Peach Pink	.85	8.50		
" Single White	.03	.20	1.00	7.50	Robustus, Deep Rose	.85	8.50		
" Single Mixed	.03	.20	1.00	7.50	<b>Freesia</b> (White).				
" Double Mixed	.03	.25	1.25	10.00	Bermuda, First Size	.03	.20	1.00	8.00
Fulgens, Scarlet	.04	.30	2.00	17.50	" Mammoth	.04	.30	1.50	10.00
St. Brigid (Mixed Colors).	.04	.35	2.25	20.00	" Monster	.05	.50	2.50	20.00
<b>Anomatheca.</b> Cruenta (Scarlet Freesia)	.03	.20	1.00	8.00	California, First Size	.03	.20	1.00	7.50
<b>Begonias</b> (Tuberous-rooted).					" Mammoth	.04	.25	1.50	11.00
Single Crimson, Orange, Pink, Scar-					" Monster	.05	.40	2.50	20.00
let, White, Yellow, each color					Leichtlinii, Yellow	.03	.25	1.50	12.00
separate	.10	.75	5.00	40.00	Purity, First Size	.04	.35	2.00	17.50
Single Mixed	.07	.60	4.50	37.50	" Mammoth	.05	.40	2.50	20.00
Double var. in sep. colors as above	.15	1.25	8.00	70.00	" Monsters	.10	1.00	5.00	45.00
" Mixed	.12	1.00	6.75	60.00	Jumbo Bulbs	.15	1.25	8.00	65.00
Fringed, in separate colors as above	.15	1.50	10.00	90.00	<b>Gladiolus</b> (For Forcing).				
" Mixed	.12	1.20	8.50	75.00	For other Forcing Gladiolus see our				
Double Fringed in White, Pink and					Bulb Catalogue, issued in September.				
Scarlet, separate	.20	1.75	12.50		Blushing Bride, White and Red.	.03	.20	1.25	9.00
Bertini, Vermilion	.15	1.50	11.00		Colvillei Alba, White "The Bride"	.03	.20	1.25	9.00
Cardinal, Scarlet	.25	2.25	15.00		Modesty, Lavender	.04	.35	1.75	16.00
Graf Zeppelin, Vermilion	.15	1.50	11.00		Non Plus Ultra, Red and White.	.04	.35	1.75	16.00
Lafayette, Red	.20	2.00	15.00		Peach Blossom, Pink	.03	.25	1.50	12.50
Phosphorescent, Intense Red	.25	2.25	15.00		<b>Gloxinias</b> (Ready in December).				
<b>Calla Lilies.</b>					Blue	.15	1.25	8.00	
Black	.15	1.50	10.00		Defiance, Rich Red	.20	2.00	15.00	
Spotted Foliage	.10	1.00	7.00		Graf Zeppelin, Carmine	.20	2.00	15.00	
Godfrey Everblooming, White	.25	2.50	15.00		White Bordered Blue	.15	1.25	8.00	
White (Aethiopica), Monster Size.	.40	4.00	30.00		Red and Scarlet	.15	1.25	8.00	
" " Mammoth	.30	2.75	17.50		Scarlet, Bordered White	.15	1.25	8.00	
" " Medium	.20	1.75	12.50		Spotted and Tigered	.15	1.25	8.00	
" " First Size	.15	1.25	8.00		Cattleya, Carmine Rose	.20	2.00	15.00	
Yellow (Elliottiana)	.20	2.00	15.00		Emperor William, Ultramarine Blue	.20	2.00	15.00	
<b>Chinese Lilies.</b>	Each	Doz.	Basket		King of Reds, Bright Red	.20	2.00	15.00	
Golden	.05	.50			Waterloo, Purple Bordered Carmine	.20	2.00	15.00	
White, Large Bulbs	.10	.90	2.00		White	.15	1.25	8.00	
" Mammoth Bulbs	.15	1.50	3.50		White, Spotted Scarlet	.15	1.25	8.00	
" Monster Bulbs	.25	2.50	5.25		Choicest Mixed	.10	1.00	6.00	
<b>Chionodoxa.</b>	Each	Doz.	100	1000	<b>Hyacinths, First Size Named.</b>				
Gigantea Lilac	.03	.20	1.25	10.00	Single Red.				
Luciliae, Blue White Centre.	.03	.20	1.10	9.00	Amy	.10	1.00	6.50	
Sardensis, Deep Blue	.03	.20	1.10	9.00	Duchess of Albany	.10	1.00	6.50	
<b>Colchicum.</b> Autumnale Major, Purple.	.06	.60	4.50	40.00	Koh-i-Noor	.10	1.00	6.50	
<b>Crocus.</b>					Robert Steiger	.10	1.00	6.50	
Baron v. Brunow, Blue	.02	.20	1.15	9.00	Roi de Belges	.10	1.00	6.50	
Blue and Purple	.02	.12	.65	5.75	Single Pink.				
Cloth of Gold, Yellow	.02	.15	.90	7.50	Baron v. Thuyll	.10	1.00	6.50	
Cloth of Silver, Striped	.02	.15	.90	7.50	Cardinal Wiseman	.10	1.00	6.50	
Mont Blanc, White	.02	.20	1.15	9.00	Gertrude	.10	1.00	6.50	
Purpurea Grandiflora, Purple.	.02	.20	1.15	9.00	Gigantea	.10	1.00	6.50	
Queen Victoria, White	.02	.20	1.15	9.00	Jacques	.12	1.25	7.50	
Sativus, Purple (Fall Flowering).	.03	.25	1.50	12.50	Maria Cornelia	.12	1.00	6.50	
Sir Walter Scott, Striped	.02	.20	1.15	9.00	Moreno	.10	1.00	6.50	
Speciosus, Lavender (Fall Flowering)	.03	.20	1.25	10.00	Queen of Pinks	.25	2.50	15.00	
Striped	.02	.12	.65	5.75	Rosea Maxima	.10	1.00	6.50	
White	.02	.12	.65	5.75	Single White.				
Yellow, First Size	.02	.12	.65	5.75	Alba Superbissima	.10	1.00	6.50	
Yellow, Giant Size	.03	.25	1.35	12.50	Angenis Christina	.12	1.00	6.50	
Yellow, Mammoth Size	.03	.20	1.15	9.00	British Queen	.12	1.25	7.50	
Giant Named, Mixed	.02	.15	.80	7.00	Grandeur a' Merveille	.10	1.00	6.50	
Mixed, All Colors	.02	.10	.60	4.75	La Grandesse	.12	1.25	8.00	
<b>Crown Imperials.</b>					L'Innocence	.12	1.25	8.00	
Crown Upon Crown, Red	.20	2.00	15.00		Mad. v. der Hoop	.10	1.00	6.50	
Single Red	.20	2.00	15.00		Mont Blanc	.12	1.25	8.00	
Single Yellow	.20	2.00	15.00		Queen of the Netherlands.	.12	1.25	8.00	
Single Mixed	.15	1.50	10.00						

6 Bulbs of a variety at dozen rate; 25 at 100 rate; 250 at 1000 rate



## Hyacinths, First Size Named. (Continued)

Single Blue.	Each	Doz.	100	1000
Chas Dickens .....	\$0.12	\$1.20	\$7.50	
Czar Peter .....	.12	1.25	8.00	
Enchantress .....	.15	1.25	9.00	
Grand Maitre .....	.12	1.20	7.50	
Ivanhoe .....	.12	1.20	7.50	
King of Blues .....	.10	1.00	7.00	
Lord Derby .....	.12	1.20	7.50	
Potgieter .....	.12	1.20	7.50	
Queen of the Blues .....	.12	1.25	8.00	
Schotel .....	.12	1.20	7.50	

## Single Yellow.

Ball of Gold .....	.12	1.20	7.50	
King of the Yellows .....	.12	1.20	7.50	
La Citroniere .....	.10	1.00	6.50	
Yellow Hammer .....	.12	1.20	7.50	

## Double Blue.

Blocksberg .....	.10	1.00	6.50	
Delicata .....	.12	1.20	7.50	
Garrick .....	.10	1.00	6.50	
General Kohler .....	.12	1.20	7.50	

## Double Red and Pink.

Bouquet Royal .....	.10	1.00	6.50	
Bouquet Tendre .....	.10	1.00	6.50	
Czar Nicholas .....	.10	1.00	6.50	
Grootvoorst .....	.10	1.00	6.50	
Lord Wellington .....	.10	1.00	6.50	
President Roosevelt .....	.12	1.20	7.50	

## Double White.

Flevo .....	.12	1.20	7.50	
La Tour d' Auvergne .....	.10	1.00	6.50	
La Virginité .....	.10	1.00	6.50	
Prince of Waterloo .....	.12	1.20	7.50	

## Double Yellow.

Bouquet d' Orange .....	.10	1.00	6.50	
Goethe .....	.10	1.00	6.50	
Minerva .....	.12	1.20	7.50	
Sunflower .....	.12	1.20	7.50	

## Hyacinths, Second Size Named.

## Single Red.

Koh-i-noor .....	.08	.75	5.00	\$45.00
Queen of Hyacinths .....	.08	.75	5.00	45.00
Robert Steiger .....	.08	.75	5.00	45.00
Roi des Belges .....	.08	.75	5.00	45.00

## Single White.

Alba Superbissima .....	.08	.75	5.00	45.00
British Queen .....	.08	.75	5.00	45.00
Grandeur a' Merveille .....	.08	.75	5.00	45.00
La Grandesse .....	.10	.90	5.50	50.00
L'Innocence .....	.08	.75	5.00	45.00
Mad. Vander Hoop .....	.08	.75	5.00	45.00
Mont Blanc .....	.08	.75	5.00	45.00
Queen of Netherlands .....	.08	.75	5.00	45.00

## Single Blue.

Baron von Thuyll .....	.08	.75	5.00	45.00
Blue Mourant .....	.08	.75	5.00	45.00
Chas. Dickens .....	.08	.75	5.00	45.00
Czar Peter .....	.10	.90	5.50	50.00
Enchantress .....	.08	.75	5.00	45.00
Grand Maitre .....	.08	.75	5.00	45.00
Ivanhoe .....	.08	.75	5.00	45.00
King of Blues .....	.08	.75	5.00	45.00
Leonidas .....	.08	.75	5.00	45.00
Schotel .....	.08	.75	5.00	45.00

## Single Pink.

Baron v. Thuyll .....	.08	.75	5.00	45.00
Cardinal Wiseman .....	.08	.75	5.00	45.00
Chas. Dickens .....	.08	.75	5.00	45.00
Jacques .....	.08	.75	5.00	45.00
Gertrude .....	.08	.75	5.00	45.00
Gigantea .....	.08	.75	5.00	45.00
Maria Cornelia .....	.08	.75	5.00	45.00
Moreno .....	.08	.75	5.00	45.00
Rosea Maxima .....	.08	.75	5.00	45.00

## Single Yellow.

City of Haarlem .....	.10	.90	5.50	50.00
Herman .....	.08	.75	5.00	45.00
Ida .....	.08	.75	5.00	45.00

## Hyacinths, Miniature or Pan.

Single Blue. Chas. Dickens .....	.05	.40	2.75	22.00
" " Grand Maitre .....	.05	.40	2.75	22.00
" " King of the Blues .....	.05	.40	2.75	22.00
" " Lord Derby .....	.05	.40	2.75	22.00

## Hyacinths, Miniature or Pan. (Cont.)

Each	Doz.	100	1000
Single Pink. Cardinal Wiseman ..	\$0.05	\$0.40	\$2.75 \$22.00
" " Chas. Dickens .....	.05	.40	2.75 22.00
" " Gertrude .....	.05	.40	2.75 22.00
" " Gigantea .....	.05	.40	2.75 22.00
" " Moreno .....	.05	.40	2.75 22.00
" " Roi des Belges .....	.05	.40	2.75 22.00
Single White. Albertina .....	.05	.40	2.75 22.00
" " La Grandesse .....	.05	.40	2.75 22.00
" " Mad. van der Hoop .....	.05	.40	2.75 22.00
Single Yellow. Yellow Hammer ..	.05	.40	2.75 22.00

## Hyacinths, Unnamed.

Single Red, White, Blue, Yellow, Dark Red, Pure White, Blush White, Light Blue, Dark Blue....	.05	.45	3.00 28.50
Single Mixed .....	.05	.40	2.75 26.50
Double Red, Pink, Pure White, Blue, Yellow .....	.05	.50	3.25 29.00
Double Mixed .....	.05	.45	3.00 27.50

## Hyacinths, Roman.

White, 12 to 15 ctm. ....	.06	.60	3.50 32.50
" 13 to 15 ctm. ....	.07	.75	4.50 42.50
" 15 ctm. and over .....	.08	.90	6.00 55.00
Dark Pink .....	.05	.50	3.25 30.00
Italian, White .....	.05	.50	3.25 30.00
Light Blue .....	.05	.50	3.25 30.00
Light Pink .....	.06	.60	3.50 32.50

## Iris Hispanica.

Adelina Patti, Bronze .....	.02	.15	1.00 7.50
Alex. v. Humboldt, Light Blue.....	.02	.15	1.00 7.50
Belle Chinoise, Yellow .....	.02	.15	1.00 7.50
Blanche Superbe, White .....	.02	.15	1.00 7.50
British Queen, White .....	.02	.15	1.00 7.50
Cajanus, Clear Yellow .....	.02	.15	1.00 7.50
Chrysolora, Yellow .....	.02	.15	1.00 7.50
Emperor of the West, Bronze.....	.02	.15	1.00 7.50
Filifolia (New), Beautiful deep blue	.04	.40	2.50 22.50
Grace Darling, Deep Blue.....	.02	.15	1.00 7.50
King of the Blues .....	.02	.15	1.00 7.50
Midley, Pale Blue .....	.02	.15	1.00 7.50
Sapho, Bronze .....	.02	.15	1.00 7.50
Snowball, White .....	.02	.15	1.00 7.50
Thunderbolt, Bronze .....	.04	.35	1.75 15.00
Mixed Colors .....	.02	.12	.75 5.25

## Iris Anglica. Argus, Pink and White

" " Bavaria, Light Blue ..	.05	.40	2.25 18.00
" " Blanche Fleur, White..	.05	.40	2.25 18.00
" " L'Unique, Claret .....	.05	.40	2.25 18.00
" " Mixed .....	.03	.25	1.40 11.00

## Iris Susiana, Maroon

	.20	2.00	15.00
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## Iris Tingitana (New), Dark Blue and

Yellow .....	.10	.90	5.50 47.50
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## Ixiis. Crateroides, Scarlet

" Mixed .....	.02	.12	.75 5.50
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## Jonquils (Sweet Scented).

Campernelle Rugulosus, Yellow....	.03	.25	1.25 10.00
Campernelle, Yellow .....	.02	.20	1.00 7.50
Double Yellow .....	.04	.35	2.00 12.50
Single Yellow .....	.02	.15	.80 7.00

## Leucojum (Snowflake). Venum, White

	.03	.25	1.50 12.00
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## Lilium Harrisii (Michell's Special Brand).

5 to 7 inches circum.....	.10	1.00	6.50 62.50
6 to 7 inches circum.....	.15	1.50	9.00 85.00
7 to 9 inches circum.....	.25	2.00	13.50 125.00
9 to 11 inches circum.....	.50	5.00	27.50
11 to 13 inches circum.....	.75	7.50	57.50

## Lilium Long. Multiflorum. (Michell's).

6 to 8 inches.....	.08	.80	5.50 50.00
7 to 9 inches.....	.12	1.25	8.00 75.00
8 to 10 inches.....	.18	1.75	10.50 95.00
9 to 10 inches.....	.25	2.00	14.00 125.00
Monster Bulbs .....	.50	5.00	35.00

## Lilium Formosum (Dark Stemmed).

6 to 8 inches.....	.15	1.50	8.00 75.00
7 to 9 inches.....	.20	2.25	13.50 120.00
9 to 10 inches.....	.25	2.50	17.50 160.00
10 to 12 inches.....	.50	5.00	35.00
Monster Bulbs .....	1.00	10.00	

## Lilium Formosum (Green Stemmed).

6 to 8 inches.....	.10	1.00	7.00 65.00
7 to 9 inches.....	.15	1.50	10.00 85.00
9 to 10 inches.....	.20	2.00	15.00 135.00
10 to 12 inches.....	.40	4.00	30.00
Monster Bulbs .....	.75	7.50	



Lilium Long. Giganteum.					Narcissus, Medium Trumpet or Cup.				
	Each	Doz.	100	1000		Each	Doz.	100	1000
6 to 8 inches .....	\$0.10	\$1.00	\$7.00	\$65.00	Albicans, Light Yellow .....	\$0.05	\$0.45	\$2.50	\$22.50
7 to 9 " .....	.15	1.50	9.00	85.00	Barrii Conspicuous, Yellow Scarlet Cup .....	.03	.20	1.25	10.00
9 to 10 " .....	.20	2.00	15.00	135.00	Bulbocodium, Yellow .....	.05	.45	2.75	25.00
10 to 12 " .....	.50	5.00	35.00		Cynosure, Yellow .....	.03	.20	1.25	9.50
<b>Lilium (Hardy Sorts).</b>					Figaro, Light Yellow .....	.03	.25	1.25	10.00
Auratum, White Spotted, Large, 8-9 inch .....	.15	1.50	10.00		Leedsii Mrs. Langtry, White .....	.03	.20	1.25	10.00
" Mammoth, 9-11 inch ....	.20	2.00	15.00		Obvallaris, Yellow .....	.04	.35	2.25	18.00
" Monsters, 11-13 inch ....	.30	3.25	20.00		Sir Watkin, Light Yellow .....	.04	.40	2.25	20.00
Brownii, White, Brown and Purple ..	.50	5.00			Stella, White and Yellow .....	.03	.20	1.25	9.50
Canadense, Yellow .....	.10	1.00	7.50		<b>Narcissus, Poeticus Varieties.</b>				
" Rubrum, Crimson .....	.20	1.75	12.50		Biflorus, White and Yellow .....	.03	.20	1.15	9.00
Candidum, Large White .....	.12	1.00	7.50	65.00	Burbidgei, White and Red .....	.02	.15	1.15	9.50
" Mammoth White .....	.15	1.50	10.00	90.00	King Edward VII, White, Yel. and Red ..	.04	.40	3.00	27.50
" Monsters White .....	.25	2.50	17.50	150.00	Poetaz, Elvira, White and Yellow ..	.04	.40	3.00	27.50
Elegans, Painted Chief, Bright Red ..	.15	1.50	11.00		Poeticus Ornatus, White and Scarlet,				
" Leonard Joerg, Apricot ..	.20	1.75	12.50		First Size .....	.03	.20	1.00	8.50
Hansonii, Reddish Orange .....	.50	5.00	40.00		" " Mammoth .....	.04	.25	1.50	12.00
Henryi, Orange Yellow .....	.60	6.00			" " White and Scarlet .....	.02	.15	.85	7.00
Melpomene, Pink, Large, 8-9 inch ..	.15	1.50	10.00	90.00	<b>Narcissus in Mixture.</b>				
" Mammoth, 9-11 inch ....	.25	2.50	17.50	150.00	Single Mixed .....	.02	.15	1.00	8.00
Speciosum Album, White, 8-9" .....	.20	2.00	15.00		Double " .....	.03	.20	1.00	8.50
" Mammoth, 9-11" .....	.30	3.00	17.50		<b>Narcissus, Polyanthus Varieties.</b>				
" Magnificum, Pink, 8-9" ..	.15	1.50	10.00	90.00	Double Roman, White and Orange ..	.04	.30	1.60	14.00
" Mammoth, 9-11 inch ....	.25	2.50	15.00		Gloriosa, White and Orange .....	.05	.40	2.50	22.00
" " Monsters, 11-13 inch ...	.30	3.00	20.00		Grand Monarque, White and Yellow ..	.05	.40	2.50	20.00
" " Jumbo Bulbs .....	.50	5.00	37.50		Grand Soleil d'Or, Yellow and Red ..	.05	.40	2.50	20.00
" " Rubrum, Pink, 8-9" .....	.15	1.50	10.00	90.00	Paperwhite Grandiflorus, White, First				
" " Mammoth, 9-11" .....	.20	2.00	15.00		Size .....	.04	.25	1.50	14.00
" " Monsters, 11-13" .....	.30	3.00	20.00		" " Mammoth .....	.05	.40	2.00	17.50
Superbum, Orange Red .....	.15	1.50	10.00		" " Giant .....	.07	.75	4.00	35.00
Tenuifolium, Scarlet .....	.15	1.50	10.00		White Pearl, White .....	.05	.40	2.50	22.50
Tigrinum, Splendens, Orange, Single ..	.10	1.00	7.50	65.00	Mixed, All Varieties .....	.04	.30	1.50	12.50
" " F. Pl. Double Orange ..	.15	1.50	10.00	90.00	<b>Narcissus, Double Varieties.</b>				
Umbellatum, Orange Scarlet .....	.15	1.50	10.00		Alba Plena Odorata, White .....	.03	.20	1.25	10.00
<b>Lily of the Valley.</b>					Double Jonquils, Yellow .....	.04	.35	2.00	17.50
Clumps .....	.25	2.50	18.00		Incomparable Double Yellow and				
Michell's Giant Cold Storage (\$7.50			3.00		Orange .....	.03	.25	1.50	12.00
per 250) .....			20.00		Orange Phoenix, Yellow and Orange ..	.04	.30	1.75	15.00
Michell's Giant Flowering .....	.40	2.50	20.00		Sulphur Phoenix, Sulphur Yellow ...	.04	.30	2.00	17.50
" First size .....	.25	1.75	16.00		Von Sion, Yellow, 1st Size .....	.04	.30	2.00	17.50
<b>Montbretia.</b>					" " Mammoth .....	.05	.50	3.00	27.00
Crocsmiaeflora Type, Red and Yellow ..	.03	.30	2.25	17.50	" " Monster .....	.07	.60	4.00	35.00
" Aurantiaca, Yellow ..	.03	.30	2.25	17.50	Double Mixed .....	.03	.20	1.00	8.50
" Etoile de Feu, Vermilion and Yellow ..	.03	.30	2.25	17.50	<b>Ornithogalum. Arabicum, White....</b>				
" Germania, Orange .....	.05	.50	2.50	22.50	Oxalis.				
" Pottsii, Orange Scarlet ..	.03	.30	2.25	17.50	Bermuda Buttercup, 1st Size, Yellow ..	.03	.25	1.50	12.00
" Speciosa, Golden .....	.03	.30	2.25	17.50	" " Monster .....	.05	.50	3.00	25.00
" Rayon d'Or, Yellow ..	.03	.30	2.25	17.50	Bowei, 1st Size, Pink .....	.03	.25	1.50	12.00
<b>Muscari (Grape Hyacinth).</b>					" Giant Bulbs .....	.05	.50	3.00	
Botryoides, Album, White .....	.02	.20	1.00	8.50	Double Yellow (Lutea fl. pl.) .....	.04	.35	2.00	15.00
" Coeruleum, Blue .....	.02	.15	.75	5.50	Grand Duchess, Yellow .....	.03	.25	1.50	10.00
Monstrosum, Blue .....	.03	.25	1.25	10.00	" " Lavender .....	.03	.25	1.50	10.00
<b>Narcissus, Giant Trumpet.</b>					" " White .....	.03	.25	1.50	10.00
Ard Righ, Yellow .....	.05	.45	3.00	25.00	" " Pink .....	.03	.25	1.50	10.00
Bicolor, Grandee, White and Yellow ..	.04	.30	1.75	15.00	Pink (Hirta Rosea) .....	.03	.25	1.50	10.00
" Victoria, Large Bulbs, White					Versicolor, Red, Violet and White ...	.03	.25	1.50	10.00
and Yellow .....	.05	.40	2.75	22.00	White (Multiflora Alba) .....	.03	.25	1.50	10.00
" " Monster Bulbs .....	.07	.70	4.50	37.50	Yellow (Lutea Simplex) Single .....	.03	.25	1.50	10.00
" Princeps, Yellow and Silvery					Mixed, All Colors .....	.02	.15	1.00	8.00
White .....					<b>Puschkinia. Libanotica, White and Blue</b>				
Emperor, Yellow, Large Bulbs .....	.05	.40	2.75	24.00	Ranunculus (Mixed Colors).				
" Monster Bulbs .....	.07	.60	4.00	35.00	Double Giant, Persian .....	.02	.15	1.00	7.00
Empress, White and Yellow, Large ..	.05	.40	2.75	24.00	" " French .....	.02	.15	1.00	7.00
" Monster Bulbs .....	.07	.60	4.00	35.00	" " Turban .....	.02	.15	1.00	7.00
Giant Princeps, Yellow .....	.03	.25	1.25	10.00	<b>Scilla.</b>				
Glory of Leiden, Yellow .....	.15	1.50	10.00		Campanulata Blue .....	.03	.20	1.00	7.50
Golden Spur, Yellow Large .....	.05	.40	2.50	22.50	" White .....	.03	.20	1.25	10.00
" Monsters .....	.07	.60	4.00	35.00	" Pink .....	.03	.20	1.25	10.00
" Extra Early Mammoth ..	.06	.60	4.00	35.00	Sibirica, Blue, Large .....	.03	.20	1.00	8.50
Henry Irving, Yellow .....	.05	.40	2.25	20.00	" Blue, Mammoth .....	.04	.25	1.50	12.50
King Alfred, Yellow .....	.60	5.00	35.00		<b>Snowdrops.</b>				
Madame de Graaff, White .....	.15	1.50	10.00		Double White .....	.03	.25	1.50	12.00
Trumpet Major, Dutch, Yellow .....	.03	.25	1.50	12.00	Giant White .....	.02	.15	1.00	7.50
" French, Yellow .....	.05	.50	2.50	22.50	<b>Sparaxis. Mixed .....</b>				
Wm. Goldring, White and Yellow ..	.04	.40	2.00	17.50	Spiraea.				
					America (New) Lilac Rose .....	.60	6.00	40.00	
					Gladstone, White, Extra Large .....	.25	1.75	10.00	
					" Monsters .....	.50	5.00	30.00	
					Philadelphia Pink .....	.35	3.00	20.00	
					Queen Alexandra, Pink .....	.25	2.00	12.50	
					Rubens, Deep Pink .....	.50	5.00	35.00	
					<b>Sternbergia, Lutea, Yellow .....</b>				
						.05	.50	3.00	



**Tulips, Single Early.**

	Each	Doz.	100	1000
Artus, Red .....	\$0.03	\$0.25	\$1.25	\$10.00
Belle Alliance, Scarlet .....	.04	.30	1.75	15.00
Chrysolora, Yellow .....	.03	.25	1.50	12.50
Cottage Maid, White and Pink .....	.03	.25	1.40	11.50
Couleur de Cardinal, Scarlet .....	.04	.35	2.00	18.00
Cramoise Brilliant, Scarlet .....	.03	.25	1.50	13.00
Crimson King, Crimson .....	.03	.20	1.25	10.00
Duchesse de Parma, Red and Orange .....	.03	.25	1.50	13.00
Duc v. Thol, Crimson .....	.03	.25	1.60	14.00
“ “ “ Cochineal, Fiery Red .....	.05	.40	2.25	18.00
“ “ “ Pink .....	.04	.30	1.75	14.00
“ “ “ Red and Yellow .....	.03	.25	1.50	12.00
“ “ “ Scarlet .....	.04	.30	1.75	14.00
“ “ “ White .....	.03	.25	1.50	12.00
“ “ “ Yellow .....	.04	.35	2.00	16.00
Dusart, Carmine Scarlet .....	.03	.30	2.00	14.00
Flamingo (Pink Hawk) .....	.06	.60	3.50	30.00
Gold Finch, Yellow .....	.03	.30	1.75	14.00
Grace Darling, Scarlet .....	.05	.50	3.00	26.00
Joost von Vondel, Striped Red and White .....	.04	.35	2.00	17.00
Joost von Vondel, White (Lady Bo-reel) .....	.05	.50	3.00	24.00
Kaiserkroon, Red and Yellow .....	.04	.35	2.00	17.50
La Reine, White .....	.03	.25	1.25	9.00
L'Immaculee, White .....	.03	.25	1.25	10.00
Maas, Scarlet .....	.05	.40	2.25	18.00
Mon Tresor, Yellow .....	.04	.30	1.80	16.00
Ophir d'or, Yellow .....	.04	.30	1.80	16.00
Pink Beauty .....	.07	.65	4.00	35.00
Pottebakker, Scarlet .....	.04	.30	1.80	16.00
“ White .....	.04	.35	2.10	18.50
“ Yellow .....	.04	.30	1.75	14.50
President Cleveland, Pink .....	.25	2.50	16.00	
Prince of Austria, Orange Scarlet .....	.04	.35	2.00	16.00
Princess Wilhelmina, Deep Pink .....	.04	.35	2.00	17.00
Proserpine, Pink .....	.05	.45	3.00	27.50
Queen of Netherlands, Pink .....	.05	.40	2.25	20.00
Rising Sun, Golden Yellow .....	.20	2.00	13.00	125.00
Rosa Mundi, Pink and White .....	.03	.25	1.25	10.00
Rose Grisdelin, Pink and White .....	.03	.20	1.25	10.00
Rose Luisante, Pink .....	.05	.40	2.50	22.50
Sir Thomas Lipton, Brilliant Crimson .....	.05	.50	3.00	26.00
Thos. Moore, Orange .....	.03	.25	1.40	11.00
Vermilion Brilliant, Scarlet .....	.05	.40	2.25	20.00
White Hawk .....	.05	.40	2.25	20.00
Wouwerman, Violet .....	.06	.50	3.25	30.00
Yellow Prince .....	.03	.25	1.50	12.50

**Tulips, Single Early Unnamed.**

Pink .....	.03	.25	1.15	9.00
Red .....	.03	.25	1.15	9.00
White .....	.03	.25	1.15	9.00
Yellow .....	.03	.25	1.15	9.00
Mixed Fine Quality .....	.02	.15	.85	7.00
“ Superfine Quality .....	.03	.20	1.00	9.00

**Tulips, Double Early.**

Cochineal, Scarlet .....	.05	.40	2.50	22.00
Couronne d'or, Yellow .....	.05	.40	2.50	22.50
Couronne des Roses, Pink .....	.05	.50	3.00	27.50
Golden King, Canary Yellow .....	.15	1.50	9.00	
Gloria Solis, Red and Yellow .....	.04	.30	1.75	15.00
Imperator Rubrorum, Scarlet .....	.05	.40	2.25	19.00
La Candeur, White .....	.03	.25	1.50	12.50
La Coquette, Orange .....	.04	.35	2.25	20.00
Le Matador, Glowing Scarlet .....	.04	.35	2.25	20.00
Lucretia, Deep Pink .....	.04	.40	2.50	22.50
Murillo, Pink .....	.03	.25	1.50	12.00
Princess Beatrice, Delicate Pink .....	.03	.30	1.50	12.50
Rose Blanche, White .....	.03	.25	1.40	11.50
Rose de la Montagne, Pink .....	.03	.30	1.60	12.50
Rubra Maxima, Red .....	.04	.35	2.00	17.50
Salvator Rosa, Pink .....	.05	.40	2.25	18.50
Tea Rose, Salmon .....	.06	.50	3.50	30.00
Titian, Red and Yellow .....	.04	.35	2.00	17.50
Toreador, Orange .....	.06	.60	3.75	32.50
Tournesol, Red and Yellow .....	.05	.40	2.50	22.50
“ Yellow .....	.05	.40	2.25	20.00
Vuurbaak, Scarlet .....	.05	.40	2.25	20.00
Yellow Rose .....	.03	.25	1.50	12.00

**Tulips, Double, Unnamed.**

	Each	Doz.	100	1000
Pink .....	\$0.03	\$0.25	\$1.25	\$10.00
Red .....	.03	.25	1.25	10.00
White .....	.03	.25	1.25	10.00
Yellow .....	.03	.25	1.25	10.00
Mixed Fine Quality .....	.02	.15	1.00	8.00
“ Superfine Quality .....	.03	.20	1.25	10.00

**Tulips, Darwin Varieties.**

Baronne de la Tonnaye, Rose .....	.06	.50	3.00	25.00
Clara Butt, Pink .....	.06	.50	3.00	25.00
Dream, Lilac .....	.07	.60	4.00	35.00
Europe, Red and White .....	.06	.50	3.25	30.00
Glow, Scarlet and White .....	.06	.60	4.00	35.00
Gretchen, Salmon Pink .....	.04	.30	2.00	17.50
Harry Veitch, Crimson White Centre .....	.06	.40	3.00	25.00
Kate Greenaway, White and Lilac .....	.06	.50	3.00	25.00
May Queen, Rose .....	.06	.40	3.00	25.00
Mme. Krelage, Pink .....	.06	.45	3.00	27.50
Mr. Farncombe Sanders, Scarlet .....	.07	.60	4.00	35.00
Nora Ware, Lilac Shaded Bronze .....	.07	.50	3.50	32.50
Pride of Haarlem, Rosy Carmine .....	.06	.60	3.75	32.50
Rev. H. Ewbank, Heliotrope .....	.07	.60	4.00	35.00
Sultan, Maroon .....	.05	.35	2.00	17.50
White Queen, White .....	.06	.50	3.50	30.00
William Pitt, Carmine .....	.06	.50	3.75	30.00
Mixed, All Colors .....	.03	.25	1.50	13.50

**Tulips, Late-flowering Varieties.**

Bizarres Mixed .....	.03	.20	1.25	11.00
Blue Flag (Double) .....	.06	.60	4.00	35.00
Bouton d'or, Yellow .....	.03	.25	1.50	12.50
Bybloemen Mixed .....	.03	.25	1.50	13.00
Caledonia, Orange Scarlet .....	.04	.30	2.00	15.00
Gesneriana Spathulata, Scarlet .....	.03	.30	1.75	15.00
“ Rosea, Pink .....	.03	.25	1.50	12.50
“ Lutea, Yellow .....	.04	.35	2.25	20.00
Golden Crown, Yellow and Red .....	.03	.25	1.50	12.00
Inglescombe, Scarlet .....	.05	.45	3.00	27.00
“ Pink .....	.04	.35	2.25	20.00
“ Yellow .....	.07	.60	4.00	35.00
La Merveille, Orange .....	.04	.30	1.75	14.00
Moonlight, Pale Yellow .....	.12	1.00	6.00	
Picotee, White and Pink .....	.04	.30	1.60	14.00
Rosalind, White and Pink .....	.03	.30	1.75	15.00
Royal White .....	.05	.50	3.25	30.00
Sarah Bernhardt, Rose .....	.08	.75	5.00	42.50
Shandon Bells, Carmine, Shaded White .....	.03	.30	1.75	14.00
Striped Beauty, Crimson and White .....	.05	.50	3.25	30.00
Late Single Mixed .....	.03	.25	1.50	12.00
Late Double Mixed .....	.03	.20	1.25	11.00

**Tulips, Parrot Varieties.**

Constantinople, Orange, Scarlet .....	.03	.30	1.60	13.00
Gloriosa, Orange and Red .....	.03	.30	1.60	13.00
Lutea Major, Yellow .....	.03	.30	1.60	13.00
Markgraaf v. Baden, Striped .....	.03	.30	1.60	13.00
Preciosa, Scarlet Striped Yellow .....	.03	.30	1.60	13.00
Mixed .....	.03	.20	1.25	10.00

**Breeder Tulips.**

Apricot, Orange .....	.08	.85	6.00	57.50
Cardinal Manning, Mauve .....	.06	.65	4.00	37.50
Goliath, Rose and Amber .....	.06	.65	4.00	37.50
Jaune d'Oeuf, Golden Apricot .....	.06	.65	4.00	37.50
Medea, Red, Shaded Heliotrope .....	.06	.65	4.00	37.50
Velvet King, Purple .....	.10	1.00	7.00	67.50
Superfine Mixed .....	.03	.25	1.50	13.50

**Rembrandt Tulips.**

Apollo, Lilac, White and Carmine .....	.04	.35	2.25	20.00
Fleur d'Marie, Deep Rose .....	.06	.65	4.50	42.50
Hebe, Lilac, White and Brown .....	.05	.50	3.25	30.00
Julienne, Rose and White .....	.06	.60	4.00	37.50
Red Prince, Rich Red .....	.07	.75	5.00	47.50
Quasimodo, Red and White .....	.05	.45	3.00	27.50
Vesta, Carmine and White .....	.05	.45	3.00	27.50
Zenobia, White, Lilac and Maroon .....	.05	.50	3.25	30.00
Superfine Mixed .....	.03	.25	1.50	13.50

**Zephyranthes.**

Treatea, Rosea, Pink .....	.06	.60	4.50	
“ Alba, White .....	.06	.60	4.50	



# 28 MICHELL'S DISTINCTIVE FLOWER SEEDS

FOR SUMMER AND EARLY FALL SOWING

For Complete List of Flower Seeds see our General Catalogue for 1916

## Achillea (Milfoil or Yarrow)

**Ptarmica, Fl. Pl., "The Pearl."** Tall erect plant bearing its pure white double flowers in great profusion all summer; hardy perennial; 2 ft... Large Pkt. Pkt. \$0.30 \$0.10

## Aconitum (Monk's Hood or Helmet Flower)

Hardy perennial, thriving best in semi-shady situations; curious hood-shaped flowers in clusters; height, 4 feet; August-September. Large Pkt. Pkt.

**Napellus, Blue** ..... \$0.25 \$0.05

## Alyssum

One of the most popular garden flowers for beds, edgings, rock-work or vases; also useful for winter flowering.

**Little Gem.** Dwarf compact plants, densely covered with large pure white flowers; height, 4 inches ..... Large Pkt. Pkt. \$0.20 \$0.05

**Little Dorritt.** Extremely dwarf and compact, forming perfect little bushes with miniature white flowers; ideal for narrow edges..oz., \$1.00 .20 .05

**Lilac Queen.** Dwarf and compact; flowers lilac.. .40 .15

**Sweet.** The popular old-fashioned sort, the best for broad edges and vases. Pure white; height, 6 inches .....oz., 25c. .15 .05

**Saxatile Compactum (Basket of Gold).** Showy golden yellow flowers; hardy perennial; 1 ft. oz., 50c .15 .05

## Antirrhinum (Snapdragon)

A splendid plant for beds or borders and one of our choicest cut flowers; extensively forced under glass during the winter.

### MICHELL'S GIANT ANTIRRHINUMS

This strain produces stout heavy spikes, 2 to 3 feet in length, dressed with giant flowers of the purest colors.

**Michell's Giant Salmon Pink.** A valuable addition to this popular flower; long spikes of a delicate salmon pink color..... Large Pkt. Pkt. \$0.40 \$0.15

**Silver Pink.** A fine variety; long spikes and a profuse bloomer. Original pkt., \$1.00.

**Giant Pink** ..... .25 .10

" **Scarlet** ..... .25 .10

" **Striped** ..... .25 .10

" **White** ..... .25 .10

" **Yellow** ..... .25 .10

" **Double White** ..... .65 .15

" **Venus.** Shell pink on white ground..... .40 .15

" **Cerise King.** Cerise pink, white throat and white lip ..... .20

" **Pink Beauty.** Deep rose pink..... .20

" **The Bride.** Pure white ..... .30 .10

" **Mixed.** All colors .....oz., 75c. .20 .10

**Tall Mixed.** Regular strain .....oz., 40c. .15 .05

**Imported Collection, 10 Tall Varieties.**..... .40

### SEMI-DWARF ANTIRRHINUMS

The plants grow but 18 inches high, but have extreme large flowers over most part of the stem. Large Pkt. Pkt.

**Daphne.** Carmine pink, white throat..... \$0.25 \$0.10

**Defiance.** Fiery scarlet..... .25 .10

**Golden Queen.** Golden yellow, giant flowers.... .25 .10

**Queen of the North.** Of purest white..... .25 .10

**Captivation.** Chamois, shaded pink..... .30

**Golden Beauty.** Rich golden yellow..... .20

**Mixed.** All colors .....oz., 75c. .20 .10

**Imported Collection, 10 Semi-Dwarf Varieties.**.... .40

### DWARF ANTIRRHINUMS

The Dwarf or Tom Thumb varieties are excellent for bedding; also for edges. Height, 12 inches. Large Pkt. Pkt.

**Tom Thumb Mixed.** All colors ..... \$0.20 \$0.05

## Adonis

**Vernalis (Ox Eye).** One of the choicest spring flowering perennial plants; finely cut, ornamental foliage, yellow flowers; 1 foot..... Large Pkt. Pkt. \$0.30 \$0.05

## Agrostemma

**Coronaria (Mullein Pink).** Stout erect growing plants with silvery foliage and bright crimson flowers; hardy perennial; 2½ to 3 feet; July and August ..... .15 .05

## Anchusa (Sea Bugloss)

**Italica "Dropmore."** A strong growing hardy perennial plant, 4 feet high, with beautiful flowers of a lovely gentian blue..... .40 .15

## Anemone (Wind Flower)

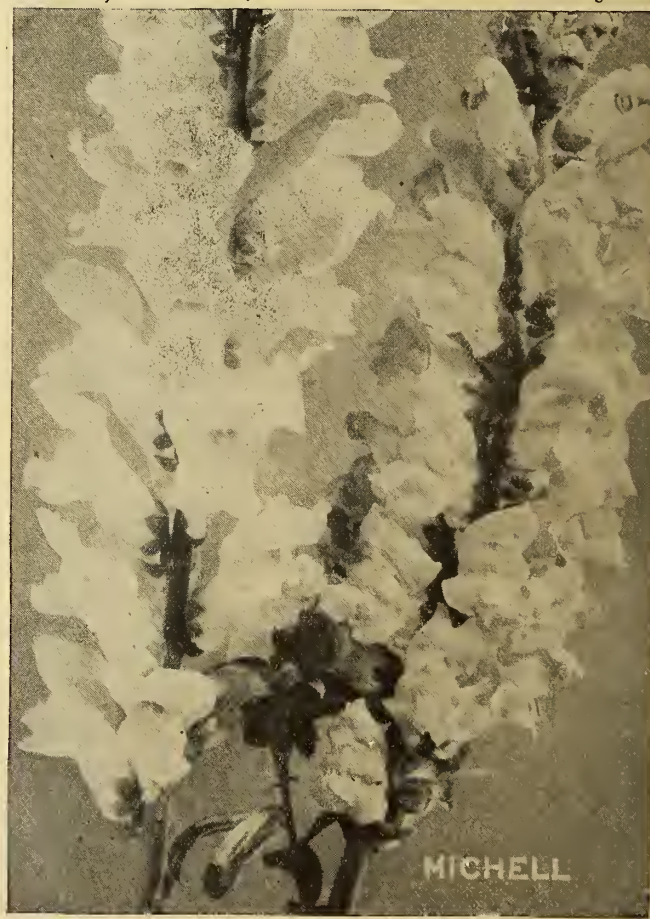
A dainty spring flower with bright cup-shaped blossoms; splendid for cutting; perennial. Large Pkt. Pkt.

**Coronaria Mixed.** 1 foot; all colors..... \$0.20 \$0.05

**St. Brigid, or Poppy.** Flowers of large size, semi-double and double; 1 foot..... .40 .15

## Anthemis (Hardy Marguerite)

**Tinctoria Kelwayi.** A handsome hardy perennial, bearing all summer, daisy-like bright yellow flowers; 2 feet ..... .25 .10



Giant Snapdragon (Antirrhinum)

Burlington, N. J.

Gentlemen:—

The Snapdragon seed I bought of you is the best I ever had; the flowers have been very much admired.

Yours truly,

H. D. H.



*Aquilegia—Long Spurred***Aquilegias or Columbines**

An elegant, graceful, beautiful spring flowering plant, producing exquisitely spurred flowers on stems rising 2 feet above the fern-like foliage; splendid for cutting.

	Large Pkt.	Pkt.
<b>Long Spurred Hybrids.</b> Flowers of many rich and varied colors, with long spurs.....	\$0.40	\$0.10
<b>Canadensis.</b> Scarlet and yellow.....	.40	.05
<b>Chrysantha.</b> Bright golden yellow.....	.40	.10
" <b>Alba.</b> Purest white.....	.40	.10
<b>Californica Hybrida.</b> Mixed colors; long spurs..	.40	.10
<b>Coerulea</b> ( <i>Rocky Mountain Columbine</i> ). Large flowers, violet-blue and white.....	.40	.10
<b>Haylodgensis Delicatissima.</b> Satiny rose.....	.50	.20
<b>Nivea Grandiflora.</b> Pure white.....	.15	.05
<b>Rose Queen.</b> Pink, white centre.....	.50	.20
<b>Single Mixed</b> .....	oz., 40c.	.15
<b>Double Mixed</b> .....	oz., 40c.	.15

**Arabis** (*Rock Cross*)

<b>Alpina.</b> Early spring flowering perennial; especially adapted for edging and rockery; plants form a dense carpet completely covered with pure white blossoms; 6 inches.....	.15	.05
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**Armeria** (*Sea Pink or Thrift*)

<b>Formosa.</b> A pretty hardy perennial for edgings, blooming all summer; rosy pink flowers; 9 inches.....	.20	.10
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**Asparagus**

	100 Seeds	Pkt.
<b>Hatcheri.</b> Of dense and symmetrical growth; dainty fern-like fronds set close together along the stalk; valuable for decorative use, also for specimen pot plants.....	\$1.50	\$0.25
<b>Plumosus Nanus.</b> An excellent plant for house or conservatory decoration or cutting on account of its graceful, finely cut foliage; will remain fresh a long time after being cut.....	1.00	.25
<b>Sprengeri.</b> One of the best plants to grow in hanging baskets for greenhouse or for outdoors in the summer.....	.50	.10

**Asperula** (*Woodruff*)

Large Pkt. Pkt.

**Odorata.** Dwarf spring flowers of purest white; thrives well in shady situations; perennial; 1 foot; May.....

\$.20 \$0.05

**Aster Perennial**(*Michaelmas Daisy*)

**Choice Mixed.** One of the showiest of our late flowering perennial plants and very effective in borders or groups. Star-like single flowers; 2 to 3 feet.....

.30 .10

**Auricula** (*Primula Auricula*)

**Choice Mixed.** These early flowering perennial plants resemble primroses and have multi-colored flowers in great variety; 6 inches.....

.50 .10

**Baptisia** (*False Indigo*)

**Australis.** A strong growing perennial plant about 2 feet high, with dark green, deeply cut foliage and spikes of dark blue flowers in June and July.....

.25 .05

*Hardy Perennial Aster***Bocconia** (*Plume Poppy*)

Large Pkt. Pkt.

**Cordata.** A splendid hardy perennial, with glaucous green foliage and spikes 2 to 3 feet long of creamy white flowers; 5 feet.....

\$.15 \$0.05

**Boltonia** (*False Chamomile*)

**Latisquama.** A tall, late flowering plant with aster-like flowers of pinkish lavender; perennial; 6 feet; July to September.....

.30 .10

**Browallia**

Elegant free flowering plants; blooms finely in the winter if the plants are lifted and cut back; 18 inches.

Large Pkt. Pkt.

**Elata Coerulea.** Sky-blue flowers.....

\$.20 \$0.05

**Speciosa Major.** A large flowering variety of brilliant ultramarine blue; desirable as a pot plant for winter and spring flowering.....

.50 .10

**Calceolaria**

An ornamental plant, and a universal favorite for decorating the greenhouse or conservatory; produces a mass of beautiful pocket-like flowers. Our strains of Calceolaria have a wide reputation as to large size, rich and varied colors of the flowers.

Large Pkt. Pkt.

**Hybrida Grandiflora, Tall Mixed.** Large flowering, rich, self-colored flowers saved from a choice collection; 18 inches.....

\$.075 \$0.25

**Hybrida Grandiflora, Pumila Compacta.** Of dwarf, compact robust growth, producing immense trusses of large and varied brilliant self-colored and spotted flowers; 1 foot.....

.75 .25

**James' Superb Strain.** A robust grower, producing very large and beautiful flowers; 18 inches.....

1.25 .50

**Sutton's Perfection.** Choicest mixed. Original packet.....

1.00

**Rugosa Mixed** (*Shrubby*). Small flowering varieties for bedding; of the finest colors; 1 foot....

1.25 .50

**Calliopsis** (*Coreopsis*)

One of the finest hardy perennial plants.

**Lanceolata Grandiflora.** Single golden yellow flowers of graceful form; invaluable for cutting; flowers uninterruptedly the entire summer.....

.15 .10

**California Sunbeams.** Very large flowers beautifully formed; various shades of yellow and brown.....

.25 .10





Campanula or Bell Flower

**Campanula Media** (Canterbury Bell)

These are strictly biennials and require the following cultural directions: Sow from June 1st till September 1st; when strong enough transplant to a distance of 6 inches apart; after frost has set in protect with leaves and straw. They flower the following June, after which they die. Their colors are so pure that gorgeous effects can be achieved with them.

	Large Pkt.	Pkt.
Single Blue .....	\$0.15	\$0.05
" Pink .....	.15	.05
" White .....	.15	.05
" Mixed .....	.15	.05
Double Mixed .....	.25	.05

**Campanula Calycanthema** (Cup and Saucer)

These produce beautiful, large single flowers, resembling a cup and saucer; they require the same treatment as above.

	Large Pkt.	Pkt.
White .....	\$0.30	\$0.10
Pink .....	.30	.10
Blue .....	.30	.10
Mixed .....	.25	.10

**Campanulas or Blue Bells****PERENNIAL VARIETIES**

These are among our best known hardy perennials; the tall varieties are fine for cutting while the dwarf sorts make excellent border plants; all have dainty bell-shaped flowers.

	Large Pkt.	Pkt.
<b>Carpatia, Blue</b> ( <i>Carpathian Hare Bell</i> ). Compact tufts not exceeding 8 inches; flowers clear blue, held erect; blooms in June and July.....	\$0.20	\$0.05
<b>Carpatia, Alba</b> . Pure white .....	.20	.05
<b>Persicifolia Grandiflora, Blue</b> ( <i>Peach Bells</i> ). Stately spikes, 4 feet tall, with immense blue bell-shaped flowers .....	.30	.15
<b>Persicifolia Grandiflora, Alba</b> . Pure white.....	.30	.15
<b>Pyramidalis</b> ( <i>Chimney Bell Flower</i> ). Perfect pyramids 4 to 5 feet high crowded with large bell-shaped flowers, blue and white mixed.....	.25	.05

**Candytuft** (*Iberis*)

<b>Sempervirens</b> . Dwarf spring flowering plants; ideal for the bulb border, flowers of glistening white; hardy perennial; May; 1 foot.....	.50	.10
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**Carnation**

These are general favorites for their richness of color and delightful fragrance; they are desirable for greenhouse culture in winter as well as for the garden in summer.

	Large Pkt.	Pkt.
<b>Early Vienna</b> . Large double flowers in choicest mixture; 1 foot .....	\$0.30	\$0.10
<b>Finest German</b> . Double mixed; selected strain..	.65	.25
<b>Choice Mixed Double</b> . Various colors.....	.50	.10

**MARGUERITE CARNATIONS**

These are the most satisfactory of the annual pinks; and will bloom in four months after sowing the seed. The flowers are large, always perfect, fragrant and are produced continuously. If slightly protected the first winter, they will revive the following spring and bloom during that whole season.

	Large Pkt.	Pkt.
<b>Excelsior Mixed</b> . Immense flowers in all the beautiful shades .....	\$0.40	\$0.15
<b>Pink</b> .....	.40	.10
<b>White</b> .....	.40	.10
<b>Scarlet</b> .....	.40	.10
<b>Yellow</b> .....	.40	.10
<b>Choice Mixed</b> .....	oz., \$1.25	.25 .10

**Centaurea** (*Perennial*)

Large feathery flowers; splendid for cutting; blooms from July to September.

	Large Pkt.	Pkt.
<b>Montana</b> . Blue; 1 foot .....	\$0.30	\$0.10
" Alba. White .....	.30	.10

**Cerastium** (*Snow in Summer*)

<b>Tomentosum</b> . Dwarf, white-leaved edging plant; flowers white; perennial; 4 inches.....	.40	.15
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**Chrysanthemum** (*Perennial*)

<b>Frutescens Grandiflorum</b> ( <i>Paris Daisy</i> or <i>Marguerite</i> ). Single flowers, white with yellow centre .....	.20	.10
<b>Shasta Daisy</b> , "Alaska." The finest of all; single white flowers on long stems; 2 feet.....	.50	.20
<b>King Edward VII</b> . Flowers extra large; pure white and of perfect form.....	.25	.10
<b>Princess Henry</b> . Immense white flowers, 4 inches across; 18 inches .....	.25	.10
<b>Japanese Hybrids</b> . Large flowers of the finest types; an extra choice mixture; 18 inches.....	.65	.15

**Cineraria**

One of the most ornamental and useful plants for conservatory or house decoration; seed may be sown from May to September for a succession. *Our Grandiflora Prize Strain* is the best procurable, producing immense trusses of the largest flowers, often measuring up to 4 inches across.

	Large Pkt.	Pkt.
<b>Grandiflora Prize Dwarf</b> . Mixed colors; plants of dwarf habit .....	\$0.75	\$0.35
<b>Grandiflora Prize Medium Tall</b> . Mixed colors; desirable as a decorative plant.....	.75	.35
<b>James' Giant Strain</b> . A superb variety; mixed...	1.25	.50
<b>Sutton's Superb</b> . Mixed colors. Original pkt....	.75	.35
<b>Matador</b> . Large bright red flowers.....	.75	.35
<b>Hybrida</b> . Choice mixed colors.....	.65	.25
<b>Radiata Hybrida</b> . New varieties of the Star Cineraria in a wide range of colors and shades....	.75	.20
<b>Stellata</b> ( <i>Sutton's</i> ). Medium sized star-like flowers. Original pkt.....	.75	.35
<b>Stellata Hybrida</b> . Of graceful and vigorous habit, producing a profusion of elegant flowers.....	.75	.25

**Clematis**

Hardy perennial climbers; fine for arbors, verandas, etc.

	Large Pkt.	Pkt.
<b>Flammula</b> . Feathery-white, fragrant flowers....	\$0.15	\$0.05
<b>Jackman's Large Flowering</b> . Mixed; saved from the finest, large flowering sorts.....	.40	.15
<b>Paniculata</b> ( <i>Japanese Virgin's Bower</i> ). The beautiful autumn flowering variety so much admired for its fragrant, white star-shaped flowers....	.20	.10

Aspinwall, Pa.

Gentlemen:—

Your Cinerarias are the best we have had for years; flowers large and colors extra fine.

Yours truly,

M. B.



**Cyclamen****MICHELL'S "DISTINCTIVE" GIANT**

Grown for us in England by a Specialist who has received numerous First Prizes for the large size and beautiful coloring of the flowers.

	100 Seeds	Pkt.
Duke of Connaught. Crimson.....	\$1.50	\$0.50
Excelsior. White with red eye.....	1.50	.50
Grandiflora Alba. White.....	1.50	.50
Princess of Wales. Pink.....	1.50	.50
Salmon Queen. Salmon pink.....	1.50	.50
Mixed. All colors.....	1.25	.40

**REGULAR GIGANTEUM STRAIN**

Grown for us by a Specialist in Germany.

Giganteum Album. White .....	1.00	.35
" Roseum. Pink .....	1.00	.35
" Rubrum. Red .....	1.00	.35
" White with carmine eye.....	1.00	.35
" Mixed. Choicest strain.....	1.00	.25
" Glory of Wandsbek. Extra large; salmony red color .....	1.75	.35

**VARIOUS CYCLAMEN**

Mrs. Buckston. Frilled and waved flowers; color delicate salmon. Original pkt.....	.75	
Rokoko Erecta. Flowers large, upright, beautifully fringed and borne on straight, upright stems; mixed colors.....	1.75	.50
Papilio (Butterfly). The edges of the flowers are beautifully fringed, or waved; mixed colors....	1.50	.40
Persicum. Choice mixed .....	Large Pkt.	Pkt.
Sutton's Giant. Choicest mixed. Original pkt...	\$0.50	\$0.10
	.75	

**Daisy, English Double (Bellis Perennis)**

These are strictly biennials, and seed should be sown from June 1st till September, transplanted in the fall, and they will flower the following spring. If sown in the spring they will flower in the autumn; 4 inches.

Monstrosa, Pink. This strain produces the largest and most perfectly double flowers of any variety .....	\$0.65	\$0.25
Monstrosa, White .....	.65	.25
" Mixed .....	.65	.25
Longfellow. Large double pink flowers.....	.40	.10
Snowball. Purest white; large and double.....	.40	.10
Double Mixed .....	.40	.10



Digitalis or Foxglove

**Delphinium (Hardy Larkspur)**

One of the finest hardy perennials; very easily grown from seed, effective in beds, masses or borders.

Highly prepossessing plants of stately appearance; of easiest culture they are readily the most popular of all hardy plants. Their main season of bloom is in June, but if the flower-spike is cut back after the flowers have faded they will branch and flower all through fall.

**Kelway's Giant.** Plants are of strong, vigorous growth, with immense spikes of large flowers; many shades of blue; 5 to 7 feet. Large pkt., 50c.; 15c. per pkt.

**Belladonna.** One of the most continuous blooming varieties; immense spikes of clear turquoise blue flowers; 5 feet. Large pkt., 65c.; 25c. per pkt.

**Duke of Connaught.** Oxford blue with white eye. Large pkt., 50c.; 15c. per pkt.

**Formosum.** Deep blue; 5 feet. Oz., \$1.00; 20c. per large pkt.; per pkt., 10c.

**Formosum Coelestinum.** Sky blue. Large pkt., 30c.; 15c. per pkt.

**Chinense Grandiflorum.** A dwarf strain with loose branches and sprays of bright blue flowers; 2 feet. Oz., 50c.; 15c. per large pkt.; per pkt., 5c.

**Chinense Grandiflorum Album.** Pure white flowers. Oz., 50c.; 15c. per large pkt.; per pkt., 5c.

**Cashmerianum.** Dark blue; 18 inches. Large pkt., 50c.; 10c. per pkt.

**Elatum (Bee Larkspur).** Rich blue; 4 feet. Oz., \$1.00; 25c. per large pkt.; per pkt., 10c.

**Geneva.** Beautiful light blue with white eye..... \$0.50 \$0.15

**Julia.** Cornflower blue veined with rose, white eye ..... .50 | .15 |

**Mme. Violet Geslin.** Semi-double; clear blue, lavender centre, white eye..... .50 | .15 |

**Nudicaule.** Bright scarlet; 18 inches..... .50 | .10 |

**Queen Wilhelmina.** Soft lavender blue, flushed with rose, white eye ..... .50 | .15 |

**Rembrandt.** Bright sky blue, inner petals rosy lavender ..... .50 | .15 |

**Zalil.** Sulphur yellow; 4 feet..... .50 | .10 |

**Hybridum Mixed.** A splendid mixture; 4 feet. Oz., 50c. .15 .05

**Dianthus (Hardy Garden Pinks)**

**Erfurt.** Of dwarf, compact growth; blooms early; very fragrant; mixed colors..... .65 | .15 |

**Clove Scented.** Double and semi-double varieties, in beautiful colors; fragrant..... .40 | .10 |

**Pheasant's Eye.** Single white fringed flowers with dark centre.....oz., 60c. .15 .05

**Double Scotch.** Choice mixed colors..... .40 | .15 |

**Dictamnus (Gas Plant)**

**Fraxinella.** Showy bushy plants 2½ feet high, purple red flowers; perennial; June and July.. .15 | .05 |

**Digitalis (Foxglove)**

Handsome ornamental hardy plants of stately growth, succeeding almost anywhere. Produces long spikes of beautiful tubular-shaped flowers; blooms during June and July; 4 to 5 feet.

	Oz.	Large Pkt.	Pkt.
Gloxiniaeflora, Pink .....	\$0.75	\$0.20	\$0.10
" Purple .....	.75	.20	.10
" White .....	.75	.20	.10
" Mixed .....	.60	.15	.05

**Monstrosa (Mammoth Foxglove).** The tall spikes are surmounted by one monstrous flower; all colors mixed ..... Oz., \$1.25 | .30 | .10 |



Delphinium—Kelway's Giant



**Edelweiss** (*Gnaphalium*) Large Pkt. Pkt.  
**Leontopodium.** The famous Alpine flower, suitable for rock work, etc.; 6 inches.....\$0.40 \$0.15

**Eupatorium**  
**Fraseri.** Tall bushy plants with loose heads of feathery white flowers; perennial; 2 feet..... .20 .10

### Ferns

Very desirable plants for ferneries.  
**Adiantum** (*Maiden Hair*). Mixed..... .65 .15  
**Pteris Varieties.** Mixed ..... .65 .15  
**Choice Mixed.** Choice collection..... .65 .15

We can also furnish all other varieties of fern spores.



*Gaillardia, Grandiflora*

### Gaillardia (Blanket Flower)

One of the most showy of hardy perennials; spikes of gorgeously colored flowers of immense size; blooms all summer; hardy perennial.

	Large Pkt.	Pkt.
<b>Grandiflora Compacta.</b> A compact variety; choice mixed colors; 12 to 15 inches.....	\$0.20	\$0.10
<b>Grandiflora Superba.</b> Splendid mixed, 2 ft. oz., 6oc. ....	.15	.10
<b>Grandiflora Sanguinea.</b> Blood red flowers; 2 feet. ....	.25	.15
<b>Sulphurea Oculata.</b> Sulphur yellow, maroon eye. ....	.30	.10
<b>Semi-Double.</b> Mixed .....	.30	.10

### Gentiana (Blue Gentian)

**Acaulis.** Dwarf hardy perennial; deep blue flowers; suited to moist, shady situations..... .25 .10

### Gerbera (Transvaal Daisy)

Splendid greenhouse perennials with large fine leaved, daisy-like flowers; splendid for pot plants or cutting.

	100 Seeds	Pkt.
<b>Jamesoni Gigantea.</b> Extra large flowers of brightest scarlet.....	\$1.25	\$0.25
<b>Jamesoni Hybrida.</b> These hybrids produce many colors and shades.....	1.25	.25

### Golden Rod (*Solidago Canadensis*) Large Pkt. Pkt.

A well-known hardy perennial; deep golden yellow flowers; 2 feet .....\$0.15 \$0.05

### Gypsophila (Baby's Breath)

**Paniculata.** Hardy perennial; flowers in graceful sprays of white; 2 feet..... oz., 6oc. .15 .05  
**Paniculata, fl. pl.** Double white..... .20

### Helenium (Sneeze-Wort)

**Autumnale Superbum.** Perennial; succeeding in almost any kind of soil; large heads of golden yellow flowers; 5 to 6 feet; fall..... .30 .10

### Heliopsis (Orange Sunflower)

**Pitcheriana.** Hardy perennial; deep orange yellow flowers the entire summer; excellent for cutting; 3 to 4 feet..... oz., 6oc. \$0.15 \$0.10

### Heuchera (Alum Root) Large Pkt. Pkt.

**Sanguinea.** Splendid plant; spikes of vivid crimson flowers; excellent for cutting; 1 foot..... .50 .10

### Hibiscus (Marshmallow)

Showy, ornamental plants, having large sized, beautiful bell-shaped flowers; perennial.

**New Giant** (*Mallow Marvel*). Mixed.....\$0.30 \$0.15

**Crimson Eye.** Large white flowers with crimson centre; 4 feet ..... oz., 75c. .15 .10

**Golden Bowl.** Giant yellow, maroon centre..... .20 .10

**Moscheutos.** Rosy red with dark centre..... .15 .05

### Hollyhock

One of the most popular and desirable of hardy perennial plants; excellent for planting among shrubbery or forming a background for other flowers; 6 to 7 feet.

#### CHATER'S IMPROVED DOUBLE HOLLYHOCK

	Oz.	Large Pkt.	Pkt.
<b>Pink</b> .....	\$1.50	\$0.30	\$0.10
<b>Maroon</b> .....	1.50	.30	.10
<b>Red</b> .....	1.50	.30	.10
<b>Salmon</b> .....	1.50	.30	.10
<b>White</b> .....	1.50	.30	.10
<b>Yellow</b> .....	1.50	.30	.10
<b>Choice Mixed</b> .....	1.00	.25	.10
<b>Single Mixed</b> .....	.75	.20	.10
<b>Imported Collection.</b> 6 colors.....			.40
<b>Imported Collection.</b> 12 colors.....			.75
<b>Allegheny.</b> Semi-double; mammoth flowers, edges fringed and laciniated; mixed..... oz., \$1.00	.25	.10	

#### ANNUAL EVERBLOOMING HOLLYHOCK

While these are hardy perennial varieties, if seed is sown in the house in March or April they will bloom the first season.

	Large Pkt.	Pkt.
<b>Double Ever-blooming Mixed.</b> Colors range from white to deep black, yellow, pink, red and purple .....	oz., \$1.25	.30 .15
<b>Single Ever-blooming Mixed</b> .....	oz., \$1.00	.25 .10

### Incarvillea (Hardy Gloxinia)

**Delavayi.** Deeply cut hairy foliage with stout stalks terminated with 3 to 5 most beautiful pink, gloxinia-like flowers; May; 15 inches.... .50 .25

### Iris (Flowering Flag)

**Kaempferi** (*Japanese Iris*). Perennial; blooms the second year from seed; mixed colors..... .15 .10

### Lathyrus Latifolius (Everlasting or Perennial Pea)

Free flowering, hardy perennial climber with clusters of flowers resembling Sweet Peas; excellent for cutting.

	Oz.	Large Pkt.	Pkt.
<b>Crimson.</b> Brilliant .....	\$0.50	\$0.15	\$0.10
<b>Pink Beauty.</b> Bright rosy-pink.....	.75	.20	.10
<b>White</b> .....	.50	.15	.10
<b>Choice Mixed.</b> All colors .....	.40	.15	.05



*Gypsophila Paniculata, fl. pl.*



**Lavender** (*Lavendula Vera*) Large Pkt. Pkt.

Well-known perennial plant bearing long spikes of fragrant blue flowers; 18 inches.....\$0.20 \$0.05

**Lily of the Valley** (*Convallaria Majalis*)

Lovely plants, bearing pure white, fragrant, bell-shaped flowers early in spring..... .40 .10

**Lobelia** (*Cardinal Flower*)

**Cardinalis.** Hardy perennial; tall spikes of bright scarlet flowers, very showy..... .50 .10

*Lupinus***Lupinus** (*Lupinus*)

A valuable and showy flower, blooming in six to eight weeks after sowing; valuable for cutting; seeds sown in greenhouse during the late summer and fall months will produce an abundance of bloom for winter.

	Oz.	Large Pkt.	Pkt.
<b>Pink Beauty.</b> Delicate salmon pink.....	\$0.60	\$0.15	\$0.10
<b>Blue</b> .....	.40	.15	.05
<b>Pink</b> .....	.40	.15	.05
<b>Scarlet, White Tipped</b> .....	.40	.15	.05
<b>White</b> .....	.40	.15	.05
<b>Yellow</b> .....	.60	.15	.10
<b>Mixed.</b> Annual varieties .....	.25	.15	.05

**Lupinus** (*Perennial Varieties*)

	Large Pkt.	Pkt.
<b>Polyphyllus Roseus.</b> Pink .....	.20	.10
“ <b>Blue</b> .....	.15	.05
“ <b>White</b> .....	.15	.05
“ <b>Mixed</b> .....	oz., 30c.	.15 .05

**Lychnis**

Perennials of easy culture; most effective in beds or borders.

	Large Pkt.	Pkt.
<b>Chalcedonica</b> ( <i>Rose Campion</i> ). Fine scarlet cross-like flowers; 2 feet; July.....oz., 50c.	\$0.15	\$0.05
<b>Haageana.</b> Brilliant, large, orange, scarlet, pink, or crimson flowers; mixed; 1 foot; July.....	.25	.10

**Lythrum** (*Rose Loose-Strife*)

	Large Pkt.	Pkt.
<b>Roseum Superbum.</b> Plants grow 3 feet high and produce spikes of rosy flowers from July to September; perennial .....	.15	.10

**Mignonette**

Valuable for cutting on account of its fragrance; sow in succession during the whole summer; may also be forced in greenhouses during the winter.

	Large Pkt.	Pkt.
<b>Michell's Colossal.</b> Foliage, stalks and flowers are very robust. The flower-spike often averaging 18 inches; extremely fragrant.....	\$0.50	\$0.15
<b>Hoehl's Giant Flowering.</b> Very large spikes....	.65	.15
<b>Allen's Defiance.</b> Spikes invariably attain a height of 12 to 15 inches; deliciously fragrant.....	.20	.10
<b>Bismarck.</b> Compact plant of strong growth; stout spikes of large flowers.....	.25	.10
<b>Machet.</b> Large reddish tinted, sweet scented flowers .....	oz., 50c.	.15 .10
<b>Golden Machet.</b> Large Golden yellow...oz., 50c.	.15	.10
<b>Goliath.</b> Giant spikes of brilliant red flowers....	.20	.10
<b>Sutton's Giant.</b> Reddish buff. Original pkts.....		.30
<b>Sweet Scented.</b> The popular garden sort.oz., 15c.		.05

**Monarda** (*Bee Balm or Bergamot*)

**Didyma.** Tall plants crowned with whorls of salvia-like, deep scarlet flowers; very showy; perennial; 2 to 3 feet; July-August..... .65 .15

**Musa Ensete** (*Abyssinian Banana*)

A handsome tropical plant for planting individually or for the centre of beds; foliage broad and massive and very effective; 10 to 15 feet. Seeds should be started in hot bed or bottom heat in greenhouse. Per 10 seeds, 25c.

*Myosotis* (*Forget-Me-Not*)**Myosotis**

Neat and beautiful little plants with star-shaped flowers, succeeding best in a moist semi-shaded situation; for spring flowering sow in July or August.

	Large Pkt.	Pkt.
<b>Alpestris Victoria.</b> Of bushy habit; bearing large bright blue flowers; very fine; 6 inches.....	\$0.30	\$0.10
<b>Dissitiflora.</b> Deep green foliage and attractive deep blue flowers .....	.40	.10
<b>Eliza Fanrobert.</b> Large flowering, bright blue....	.25	.10
<b>Grandiflora Alba.</b> Large white flowers; 6 inches.	.25	.10
<b>Grandiflora Rosea.</b> Large pink flowers; 6 inches.	.25	.10
<b>Palustris.</b> The true Forget-Me-Not; bright blue flowers; 6 inches .....	.40	.10
<b>Palustris Semperflorens.</b> Dwarf; blooms the entire season; deep blue .....	.30	.10
<b>Royal Blue.</b> Upright grower; blue; 1 foot.....	.40	.10
<b>Ruth Fischer.</b> A compact plant with light blue flowers; splendid for pots.....	.65	.25
<b>Choice Mixed.</b> Various shades of blue, rose and white .....	oz. 75c.	.20 .05



# MICHELL'S GIANT PANSIES



*Michell's Giant Exhibition Pansy*

Seed sown in frames during July and August and transplanted later gives us the main crop of flowers the following spring. Pansies thrive best in moist semi-shady situations.

## Pansies in Mixtures

**Michell's Giant Exhibition.** A blending of our own containing only the very choicest the specialists in Europe have to offer; it can be relied upon to produce flowers of immense size, very heavy texture and of the most brilliant colors.

Per oz., \$6.00; 1/8 oz., \$1.00. \$0.65 \$0.25

**Triumph of the Giants Mixed.** Immense flowers of great brilliancy and richness of coloring, including many new and rare shades. Per oz., \$8.00; \$2.25 per 1/4 oz. .75 .50

**Bugnot, Odier and Cassier.** A superb mixture of giant blotched varieties. 1/8 oz., \$1.00 .65 .25

**Giant Trimardeau.** Very large flowering; all colors mixed. 1/4 oz., \$0.50 .40 .10

**Mad. Perret.** Early flowering, fragrant, especially rich in red shades. 1/4 oz., \$1.25 .65 .25

**Masterpiece (Fringed Pansy).** Flowers beautifully curled or waved. 1/4 oz., \$1.50 .65 .25

**Odier or Blotched.** Beautiful strain. 1/4 oz., \$1.25 .65 .15

**Parisian Large Stained.** Choicest colors. 1/4 oz., \$0.75 .50 .15

**Finest English Mixed.** .oz., \$1.50 .30 .10

**Very Fine Mixed.** .oz., .75 .20 .05

**Imported Collection.** 6 colors. .40

**Imported Collection.** 12 colors. .75

Baltimore, Md.

Gentlemen:—The Pansy seed you sent me is the best I ever handled; many of the blooms measure three inches in diameter. We had visitors to-day who remarked on these pansies—how large they were.

Yours very truly,  
G. M. A.

## Giant Pansies—Separate Colors

A strain secured from the leading Pansy specialists, and not to be compared with the ordinary Giant Trimardeau, as the flowers are of much heavier texture.

1/4 Oz. Large Pkt. Pkt.

**Giant Prize Azure Blue.** Violet blue. \$1.00 \$0.50 \$0.15

" " **Black Blue.** Dark velvety ..... 1.00 .50 .15

" " **Emperor William.** Ultramarine blue..... 1.00 .50 .15

" " **Hortensia Red.** Scarlet 1.25 .50 .15

" " **King of the Blacks.** 1.00 .50 .15

" " **Lord Beaconsfield.** Violet ..... 1.00 .50 .15

" " **Peacock.** Upper petals blue, lower petals deep claret with white margin ..... 1.25 .50 .15

" " **Snow Queen.** Pure white 1.00 .50 .15

" " **Striped and Mottled.** 1.00 .50 .15

" " **White with dark eye.** 1.00 .50 .15

" " **Pure Yellow** ..... 1.00 .50 .15

" " **Yellow with dark eye.** 1.00 .50 .15

**SPECIAL OFFER.** We will send 6 packets of any of the above varieties of Giant Pansies for 75c.; or the entire 12 pkts. for \$1.40.

## Pansies—Regular Sorts in Separate Colors

Oz. Large Pkt. Pkt.

**Belgian Striped.** Showy ..... \$1.50 \$0.30 \$0.10

**Emperor William.** Ultramarine blue..... 1.50 .30 .10

**Faust (King of the Blacks).** ..... 1.50 .30 .10

**Gold Margined.** Purple, golden edge..... 1.75 .30 .10

**Havana Brown** ..... 1.75 .30 .10

**Lord Beaconsfield.** Violet ..... 1.75 .30 .10

**Mahogany Colored** ..... 1.50 .30 .10

**Silver Edged.** Purple, silver edge..... 1.50 .30 .10

**Snow Queen.** Pure white. .... 1.50 .30 .10

**White with dark eye** ..... 1.75 .30 .10

**Yellow Gem.** Pure yellow ..... 1.75 .30 .10

**Yellow with dark eye** ..... 1.75 .30 .10

**SPECIAL OFFER.** We will send 6 packets of any of the above varieties of regular sorts of Pansies for 50c.; or the entire 12 packets for 90c.

## Pentstemon (Beard Tongue)

A beautiful perennial plant producing large spikes of handsome flowers.

Large Pkt. Pkt.

**Barbatus Torreyi.** Spikes of brilliant coral red, very effective; 3 to 4 feet..... \$0.15 \$0.10

**Digitalis.** Spikes of white flowers, with purple throat; July and August..... .15 .10

**Hartwegi Albus (New).** Large, open throated, gloxinia-like blooms, clear white, 2 1/2 feet..... .50 .15

**Sensation.** Plants produce large spikes of gloxinia-like flowers of the most brilliant colors; 2 feet; requires protection..... .40 .15

**Mixed.** Produces large spikes of handsome flowers; 3 feet ..... .15 .05

## Hardy Phlox

**Decussata.** For a gorgeous show these are the most satisfactory of all perennials; plants 2 feet high, in all bright colors; sow seeds late in fall and they will germinate in the spring.

1/4 oz., 50c. .30 .10

## Physostegia (False Dragon Head)

A pretty hardy perennial, bearing freely, delicate tubular flowers; 3 to 4 feet; July-August.

Large Pkt. Pkt.

**Virginica.** Pink ..... \$0.20 \$0.10

" **Alba.** White ..... .30 .10



**Platycodon** (Chinese Bell Flower)

A very desirable perennial, of erect bushy growth; very handsome for garden decoration.

	Large Pkt.	Pkt.
<b>Grandiflorum, Blue.</b> Hardy perennial; large bell-shaped flowers; 2 to 3 feet.....	\$0.25	\$0.05
<b>Grandiflorum, White</b> .....	.25	.05
<b>Japonicus Fl. Pl.</b> ( <i>Double Japanese Bell Flower</i> ). Large, glossy, deep blue flowers.....	.40	.15

**Polyanthus** (*Primula Elatior*)

Beautiful spring flowering hardy perennials, either for pot culture or for the garden; succeeds best in partial shade; 9 inches.

	Large Pkt.	Pkt.
<b>Gold Laced.</b> Flowers of brilliant colors, with distinct yellow edge.....	\$0.50	\$0.15
<b>Double Mixed.</b> Beautiful colors.....	.65	.15
<b>English Mixed.</b> The best single.....	.30	.10

*Poppy—Oriental Hybrids***Poppy** (Perennial)

	Large Pkt.	Pkt.
<b>Giant Scarlet</b> ( <i>Bracteatum</i> ). Extra large flowers; 3 feet .....	\$0.15	\$0.10
<b>Iceland</b> ( <i>Nudicaule</i> ) <b>Single Mixed.</b> Colors range from white and yellow to deep orange scarlet; useful for cutting; 12 inches.....	.20	.10
<b>Iceland, White</b> .....	.20	.10
<b>" Yellow</b> .....	.20	.10
<b>" Double Mixed.</b> 1 foot.....	.30	.10
<b>Orientele.</b> Extra large flowers; deep scarlet....	.25	.10
<b>" Mrs. Perry.</b> Rich salmon pink.....	.50	.10
<b>" Hybrids.</b> Beautiful flowers, of large size, mixed colors.....	.30	.10
<b>Imported Collection.</b> Perennial poppies, 8 varieties..	.40	

**Pueraria Thunbergiana** (*Kudzu Vine*)

	Large Pkt.	Pkt.
One of the fastest growing hardy climbing plants; grows 8 to 10 feet the first year from seed; after the first year it will grow 30 to 50 feet in a season; rosy purple pea-shaped blossoms .....	\$0.20	\$0.10

**Pyrethrum** (Perennial)

		Pkt.
<b>Roseum.</b> Flowers bright rose color; July; 2 feet.....	.30	.10
<b>Uliginosum.</b> Large, single white flowers; September; 3 to 4 feet.....	.30	.10
<b>Hybridum Single Mixed.</b> Large flowers ranging in color from light pink to deep red, with bright yellow centres; July; 2 feet.....	.30	.10
<b>Hybridum Double Mixed</b> .....	.65	.25

*Michell's Prize Chinese Primula***Primula****FRINGED CHINESE PRIMROSE**

Our strains are unsurpassed and have won many first prizes.

	Large Pkt.	Pkt.
<b>Michell's Prize Mixture.</b> This mixture contains only the very finest sorts selected from the best strains .....	\$0.75	\$0.25
<b>Alba Magnifica.</b> White flowers with yellow eye..	.75	.40
<b>Chiswick Red.</b> Brilliant red .....	.75	.40
<b>Duchess.</b> Large; white with zone of rosy carmine, yellow eye .....	.75	.40
<b>Holborn Blue.</b> A beautiful shade.....	.75	.40
<b>Kermesina Splendens.</b> Crimson.....	.75	.40
<b>Rosy Morn.</b> Delicate pink.....	.75	.40
<b>Stellata</b> ( <i>Sutton's</i> ). Excellent pot plant; mixed..	.75	.75
<b>Fern Leaved.</b> Choicest mixed colors.....	.75	.25
<b>Imported Collection.</b> 8 varieties.....		.75

**PRIMULA OBCONICA GIGANTEA**

A great improvement over the old type; flowers much larger.

	Large Pkt.	Pkt.
<b>Lilacina.</b> Pale lilac .....	\$0.65	\$0.20
<b>Rosea.</b> Pink .....	.65	.20
<b>Kermesina.</b> Crimson .....	.65	.20
<b>Alba.</b> White .....	.65	.20
<b>Hybrida Mixed</b> .....	.65	.20

**PRIMULA OBCONICA GRANDIFLORA**

<b>Compacta.</b> Dwarf, compact plants with rosy lilac flowers .....	.65	.25
<b>Fimbriata.</b> Flowers fringed; mixed colors.....	.65	.15
<b>Vesuvius.</b> Deep crimson .....	.65	.25
<b>Crispa.</b> Flowers large, curled; color, from apple blossom pink to rose.....	.65	.20

**VARIOUS SORTS**

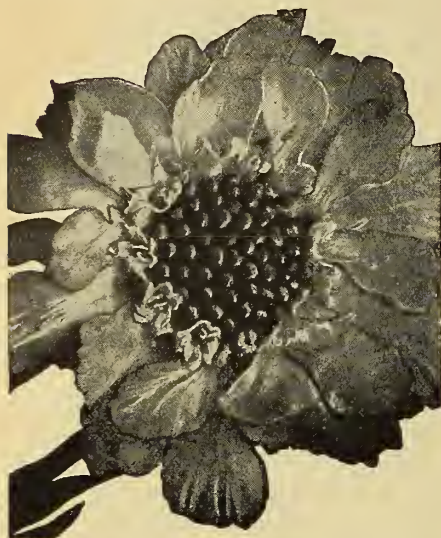
<b>Malacoides.</b> Resembles <i>Primula Forbesi</i> ; flowers larger; if grown in greenhouse will bloom in four to five months after sowing; light lilac...	.65	.20
<b>Malacoides Rosea.</b> Light rose to carmine rose..	.65	.20
<b>Malacoides Alba.</b> Flowers pure white.....	.65	.20
<b>Malacoides Superba.</b> Large flowers of a deep, rosy pink color .....		.25
<b>Primula Kewensis</b> ( <i>Verbena Scented Yellow Primrose</i> ). Spikes each 12 to 18 inches long; color, soft yellow .....	.65	.25
<b>Buttercup.</b> Yellow flowers; fine for pots.....	.65	.25
<b>Forbesi</b> ( <i>Baby Primrose</i> ). Small flowers; fine for pots; color, rosy lilac.....	.65	.15
<b>Cortusoides Sieboldii.</b> Hardy perennial variety; also fine for pots; mixed colors.....	.65	.15
<b>Veris</b> ( <i>English Cowslip</i> ). Hardy perennial; fragrant; mixed .....	.25	.10
<b>Vulgaris</b> ( <i>English Primrose</i> ). The common hardy English variety; canary yellow.....	.40	.10



**Rudbeckia (Cornflower)** Large Pkt. Pkt.

**Newmani.** Large yellow flowers with black centre; perennial; 2 feet; all summer.....\$0.40 \$0.10

**Purpurea (Giant Purple Cone Flower).** Hardy perennial; reddish purple flowers, with dark brown disc; 3 feet ..... .30 .10

*Scabiosa Caucasica***Scabiosa**

Handsome perennial border plants flowering the entire season. Large Pkt. Pkt.

**Caucasica.** Soft blue .....\$0.40 \$0.10

**Caucasica Alba.** Pure white ..... .50 .10

**Japonica.** Lavender ..... .25 .15

**Schizanthus (Butterfly Flower)**

One of our finest hardy annuals, bearing a profusion of pretty butterfly-like flowers of various colors; also desirable for winter blooming in pots. Large Pkt. Pkt.

**Hybridus Grandiflorus.** Free flowering plants covered with flowers of many shades of orchid-like appearance; 12 inches .....\$0.25 \$0.10

**Wisetonensis.** A showy variety, largely used as a pot plant for the house or conservatory; bears a profusion of flowers ranging from white with yellow centre to pink with brown centre. .50 .20

**Grandiflorus Maximus.** Flowers extra large, and of various colors ..... .20

**Mixed.** Various colors ..... .15 .05

**Smilax**

A desirable greenhouse climber of great value for floral decorations; seed should be soaked 24 hours in warm water before sowing....02z., 50c. .15 .10

**Statice (Everlasting Flower)**

**Latifolia.** Hardy perennial variety, with large, deep blue flowers; 2 feet..... .30 .10

**Michell's "Distinctive" Stocks**

The seeds we offer are hand-saved from pot-grown specimens and will produce a large percentage of double flowers.

**MICHELL'S FLOWER MARKET STOCK**

This is the ideal stock for either garden, cutting or forcing under glass. Plants branch freely and produce from 10 to 15 heavy spikes of extra large perfect flowers; height, 2 feet. ½ oz. Large Pkt. Pkt.

**White** .....\$0.75 \$0.40 \$0.15

**Flesh Color** ..... .75 .40 .15

**Rose** ..... .75 .40 .15

**Light Blue** ..... .75 .40 .15

**Dark Blue** ..... .75 .40 .15

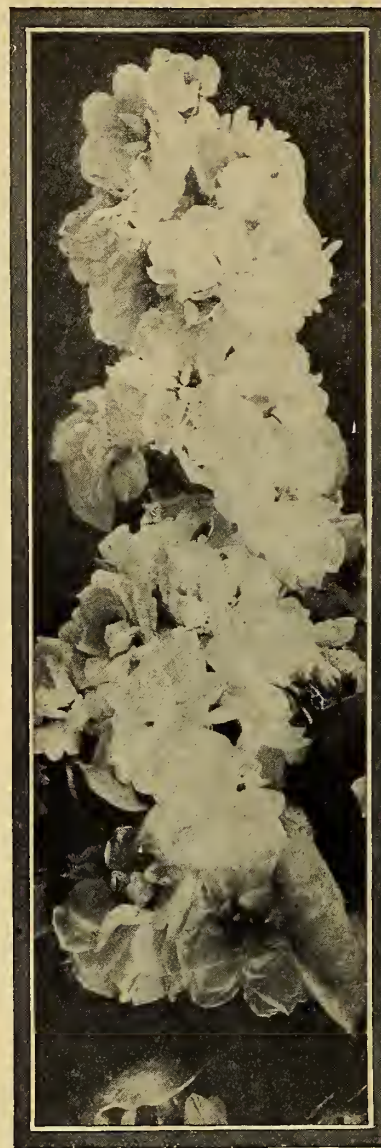
**Blood Red** ..... .75 .40 .15

**Mixed Colors** ..... .75 .40 .15

**Salvia****Azurea Grandiflora.**

Hardy perennial; producing during August and September spikes of pretty sky-blue flowers; 2 feet. Pkt., 10c.; 30c. per large pkt.

**Farinacea.** A perennial variety, but best treated as an annual; color, light blue; 2 feet. Pkt., 10c.; 30c. per large pkt.



Michell's "Nice" Stock

**MICHELL'S COLUMN STOCK**

Stout plants produce just one giant spike, lined with mammoth flowers; height, 3 feet. ½ oz. Large Pkt. Pkt.

**Blood Red** .....\$0.75 \$0.40 \$0.15

**Pure White** ..... .75 .40 .15

**LARGE FLOWERED DWARF TEN-WEEK STOCK**

½ oz. Large Pkt. Pkt.

**Blood Red** .....\$0.75 \$0.30 \$0.10

**Light Blue** ..... .75 .30 .10

**Pink** ..... .75 .30 .10

**Purple** ..... .75 .30 .10

**White** ..... .75 .30 .10

**Yellow** ..... .75 .30 .10

**Choice Mixed** ..... .50 .30 .10

**Imported Collection.** 8 varieties..... .50

**VARIOUS STOCKS**

**Wall-flower Leaved.** Glossy deep green foliage with flowers in all shades.....\$0.30 \$0.10

**Brompton or Winter.** Fine for forcing under glass or early summer flowering outdoor..... .40 .10

**Princess Alice (Cut-and-Come-Again).** Branching plants with double pure white flowers; fine for cutting ..... ½ oz., 75c. .40 .10

**Bismarck.** A splendid sort for cutting; immense pure white flowers are regularly lined along a colossal spike, often 30 inches in length, with many side shoots..... .40 .15

**White Lady.** A new Winter Stock, with large double flowers of a lustrous snowy white..... .40 .25

**Michell's****"Nice" Stock**

An early flowering strain; remarkable free bloomer, producing an abundance of large double, fragrant flowers on a single plant; fine for garden bedding or cutting. For winter blooming, sow from July to September.

**Beauty of Nice.** Delicate soft pink. Pkt., 15c.; 40c. large pkt.

**Crimson King.** Brilliant fiery crimson. Pkt., 15c.; 40c. large pkt.

**Queen Alexandra.** Delicate lavender. Pkt., 15c.; 40c. large pkt.

**Victoria.** Pure white. Pkt., 15c.; 40c. large pkt.

**Abundance.** Of dwarf spreading habit, bearing a profusion of flowers; color, a beautiful shade of carmine rose. Pkt., 15c.; 40c. large pkt.

**La Brillante.** Rich brilliant crimson. Pkt., 15c.; 40c. large pkt.

**Midsummer Night.** Deep dark violet. Pkt., 15c.; 40c. large pkt.

**Mme. Rivoire.** Early flowering; color, pure white. Pkt., 15c.; 40c. large pkt.



## New Winter Flowering Spencer or Orchid Sweet Peas

**Rose Queen.** One of the finest varieties yet introduced. Flowers are borne freely on long stems, are of large size, and usually four flowers are produced on a stem. Color, a most attractive shade of pink. Pkt., 50c.; \$2.00 per ¼ oz.; per oz., \$7.00.

**Yarrowa.** Flowers exquisitely waved, and of large size, many of them being duplex or double. Color, a pleasing shade of bright rose pink with lighter wings. Pkt., 15c.; 60c. per ¼ oz.; per oz., \$2.00; \$6.00 per ¼ lb.

	Pkt.	¼ Oz.	Oz.
Mrs. A. A. Skaach. Clear, light pink.....	\$0.25	\$0.60	\$1.75
Mrs. M. Spanolin. Pure white.....	.25	.60	2.00
Pink and White Orchid .....	.25	.60	1.75
White Orchid .....	.25	.60	1.75
Lavender Orchid .....	.25	.60	1.75
Lavender Pink Orchid .....	.25	.60	2.00
Red Orchid .....	.25	.60	1.75
Venus. White, blushed pink.....	.25	.60	2.00

## Michell's Christmas or Winter Flowering Sweet Peas

	Pkt.	Oz.	¼ Lb.
Michell's Snowdrift. Pure white; black seeded; extra early .....	\$0.10	\$0.35	\$1.00
Christmas Captain. Blue and purple.....	.10	.25	.75
" Meteor. Scarlet .....	.10	.25	.75
" Pink. Pink and white .....	.10	.25	.75
" White (Florence Denzer).....	.10	.25	.75
Le Marquis. Large dark blue.....	.10	.25	.75
Mrs. Alex. Wallace. Lavender .....	.10	.25	.75
Mrs. Chas. H. Totty. Lavender .....	.10	.25	.75
Mrs. F. J. Delansky. Daybreak pink.....	.10	.25	.75
Mrs. Geo. Lewis. Pure white.....	.10	.25	.75
Mrs. William Sim. Salmon pink.....	.10	.25	.75
Mrs. W. W. Smalley. Satin pink.....	.10	.25	.75
Watchung. Pure white .....	.10	.25	.75
Mixed. Winter flowering .....	.10	.25	.75



Single Sweet William

### Sweet William (Dianthus Barbatus)

This is one of the finest of our hardy garden plants; of easy culture, thriving in any good garden soil and lasting for years. The plants grow about 1½ feet high. Oz. Large Pkt. Pkt.

Single Crimson .....	\$0.50	\$0.15	\$0.05
" Velvety Maroon .....	.50	.15	.05
" White .....	.50	.15	.05
" Mixed. All colors.....	.30	.15	.05
Pink Beauty. Fine salmon pink.....		.40	.15
Scarlet Beauty. Rich deep scarlet.....		.40	.15
Auricula Flowered. A beautiful class of "eyed" single varieties, all colors mixed..	.75	.20	.05
Double Mixed .....	1.00	.20	.10

## Stokesia (Cornflower or Stokes' Aster)

A very desirable hardy perennial plant, bearing freely from July to October handsome Centaurea-like blossoms; 1½ to 2 feet. Large Pkt. Pkt.

Cyanea. Light blue .....	\$0.25	\$0.10
" Alba. Pure white.....	.30	.10

## Sunflower (Helianthus)

Showy perennials blooming all summer.

Golden Bouquet. Single yellow flowers; 5 feet..	.25	.10
Choice Mixed. Single flowering .....	.40	.10

## Sweet Rocket (Hesperis)

Mixed. Fragrant white and purple flowers; perennial; 2 to 3 feet .....	.15	.05
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## Tritoma (Red Hot Poker Plant)

Uvaria Grandiflora. Large spikes of orange-scarlet flowers; perennial; 3 to 4 feet.....	.30	.10
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## Valeriana (Garden Heliotrope)

Hardy perennial border plants; fragrant flowers; 2 to 3 ft.

Mixed .....	\$0.15	\$0.05
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## Veronica (Speedwell)

An elegant hardy perennial of easy culture; valuable as a cut flower or for garden effect. Plants grow bushy and produce long spikes of flowers. Large Pkt. Pkt.

Spicata. Bright blue; 18 inches.....	\$0.30	\$0.10
Virginica. White; 3 to 5 feet.....	.30	.10

## Viola Cornuta (Tufted Pansies)

These resemble pansies in shape and form, with the additional quality that they are of long stems, and appear uninterruptedly from early spring till snow flies. Large Pkt. Pkt.

Admiration. Dark blue .....	\$0.30	\$0.10
Lutea Splendens. Rich golden yellow.....	.30	.10
Mauve Queen. Lovely mauve color .....	.30	.10
Perfection. Light blue .....	.30	.10
White Perfection. Pure white.....	.30	.10
Mixed. All colors .....	.30	.10

## Wallflower

While these are perennials, they are not perfectly hardy; the plants should be lifted late in the fall and planted in a cold-frame, and removed to the garden again in the spring; the flowers are fragrant and splendid for cutting; double varieties, 2 feet; single varieties, 1½ feet. Large Pkt. Pkt.

Double Brown .....	\$0.50	\$0.10
" Yellow .....	.50	.10
" Mixed. All colors.....	.40	.10
Single Mixed .....	.oz., 30c.	.15
Imported Collection. 6 double varieties.....		.50

**Paris Extra Early.** A single-flowering variety, which may be treated as an annual, flowering the first year from seed.

Blood Red .....	\$0.20	\$0.10
Yellow .....	.20	.10
Mixed. All colors .....	.oz., 60c.	.15

## Michell's Collection of Hardy Perennial Flower Seeds

One packet each of the following varieties for \$1.25.

Aquilegia. Single Mixed.	Heuchera. Sanguinea.
Calliopsis. Lanceolata Grandiflora.	Hollyhock. Double Mixed.
Campanula. Pyramidalis.	Lobelia. Cardinalis.
Delphinium. Formosum.	Phlox. Decussata. Mixed.
Dianthus. Clove Scented.	Poppy. Orientale.
Digitalis. Gloxiniaeflora.	Pyrethrum. Single, Mixed.
Mixed.	Scabiosa. Caucasic.
Gaillardia. Grandiflora.	Stokesia. Cyanea.
Gypsophila. Paniculata.	Sweet William. Double.
	Mixture of Perennial Flowers

## Michell's Perennial Flower Garden Mixture

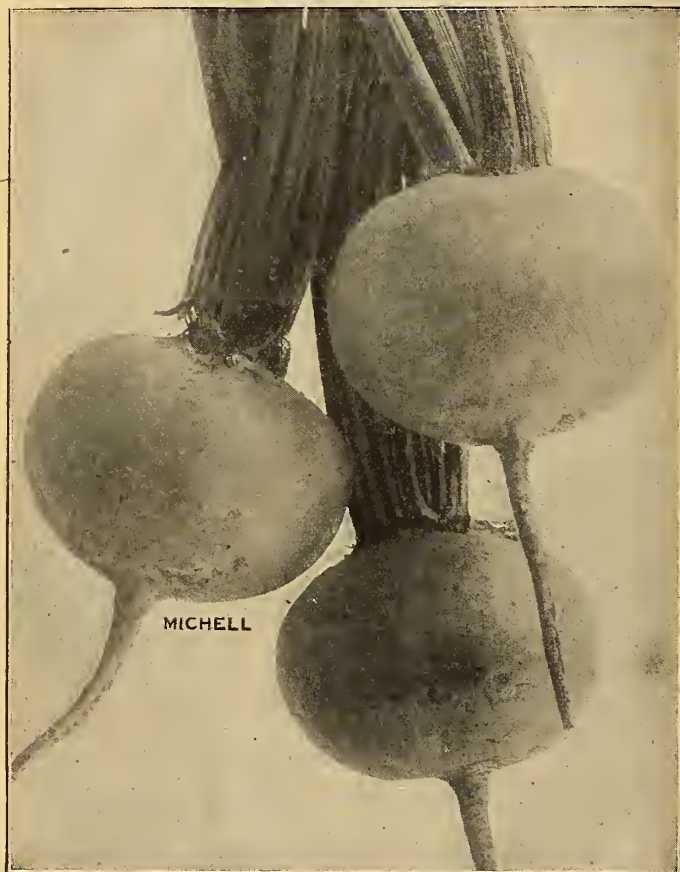
To create an old-fashioned wild garden or to naturalize along roads or woods we highly recommend this mixture, as it contains many hundred varieties of the choicest old-fashioned flowers. Pkt., 10c.; 1 oz., 40c.; \$1.25 per ¼ lb.



# MICHELL'S SEASONABLE VEGETABLE SEEDS

For complete list see our General Seed Catalog, mailed free on request.

**SPECIAL NOTE**—We pay postage on all orders for vegetable seeds, provided the order calls for packets, ounces,  $\frac{1}{4}$  lb. and pounds. Pints and quarts of Beans, Peas, Corn are not included. For these remit for postage. (Consult your Post Office for rates.)



*Crosby's Egyptian Beet*

## BEET—Table Varieties

	Pkt.	Oz.	$\frac{1}{4}$ lb.	Lb.
Arlington Favorite Blood (Turnip).....	\$0.05	\$0.15	\$0.40	\$1.25
Bassano Extra Early (Turnip).....	.05	.10	.30	1.10
Bastian's Early Turnip.....	.05	.10	.35	1.25
Bastian's Half Long Blood .....	.05	.10	.30	1.00
Crimson Globe (Michell's Improved).....	.05	.15	.40	1.50
Crosby's Egyptian (Turnip).....	.05	.15	.40	1.50
Detroit Dark Red (Turnip).....	.05	.15	.40	1.50
Eclipse Extra Early (Round).....	.05	.10	.30	1.10
Edmand's Blood (Turnip).....	.05	.10	.35	1.15
Lentz Turnip .....	.05	.10	.30	1.00
Swiss Chard. Silver Leaved.....	.05	.10	.30	1.00
Swiss Chard. Giant Lucullus .....	.05	.15	.50	1.50

## BEANS—Green Podded, Dwarf Varieties

Large Packets of all varieties loc. postpaid.

Parcel Post Weight of Beans: 1 pt. equals 1 lb.; 1 qt. equals 2 lbs.

	Pt.	Qt.
Best of All .....	\$0.20	\$0.40
Boston Navy or Pea .....	.20	.35
Early Long Yellow (6 weeks) .....	.25	.45
Early Mohawk (6 weeks) .....	.25	.45
Black Valentine .....	.25	.45
Longfellow, very fine variety .....	.25	.45
Mammoth Stringless or Giant Valentine .....	.30	.60
Red Valentine .....	.20	.40
Stringless Green Pod .....	.30	.60
Sion House (for forcing) .....	.30	.60

## BEANS—Green Podded, Dwarf Varieties—Continued

	Pt.	Qt.
Triumph of Frames (for forcing).....	\$0.40	\$0.75
White Kidney or Royal Dwarf.....	.25	.45
White Marrowfat (used shelled) .....	.20	.40

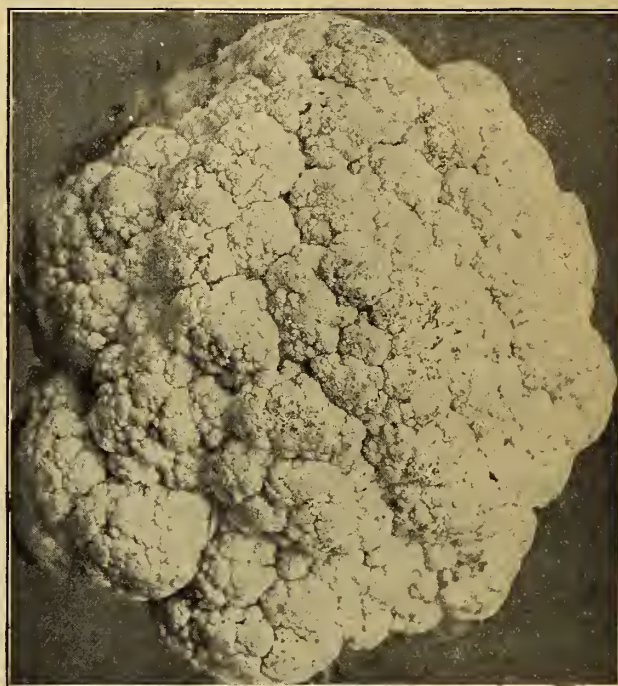
Also all other Varieties

## BEANS—Wax or Yellow Podded

Parcel Post Weight of Beans: 1 pt. equals 1 lb.; 1 qt. equals 2 lbs.

Large Packets of all varieties loc. postpaid.

	Pt.	Qt.
Black or German Wax .....	\$0.35	\$0.65
Currie's R. P. Golden Wax .....	.35	.65
Dwarf Golden Wax (Rust Proof).....	.30	.60
Stringless White Wax .....	.35	.65
Wardell's Kidney Wax .....	.35	.65
White Wax .....	.35	.65



*Michell's Selected Snowball Cauliflower*

## CAULIFLOWER

	Pkt.	$\frac{1}{4}$ Oz.	Oz.
Algiers, large late for outdoor.....	\$0.10	\$0.25	\$0.75
Danish Giant .....	.20	.80	3.00
Early Snowball (True), for forcing.....	.20	.85	2.75
Earliest Snow Storm, for forcing.....	.25	1.50	5.00
Half Early Paris, for outdoor use.....	.10	.20	.65
Matador, for forcing .....	.15	.75	2.75
Michell's Selected Erfurt (True).....	.20	.85	2.75
Veitch's Autumn Giant, for outdoor use....	.10	.20	.65

## CORN, Sweet or Sugar—Connecticut Grown

Varieties that can be planted early in July. Large Packets loc. postpaid.

Parcel Post Weight of Corn: 1 pt. equals 1 lb.; 1 qt. equals 2 lbs.

	Pt.	Qt.	4 Qts.	Peck	Bush.
Early Champion .....	\$0.15	\$0.25	\$0.80	\$1.35	\$5.25
Country Gentleman .....	.15	.30	1.00	1.50	6.00
Country Gentleman (Improved Strain) .....	.20	.35	1.25	2.25	8.00
Crosby's Extra Early.....	.15	.25	.75	1.25	5.00
Early Evergreen .....	.15	.25	.85	1.50	6.00
Early Giant Wonder .....	.20	.40	1.25	2.25	9.00
Early Mammoth .....	.15	.25	.80	1.25	5.00
Golden Bantam .....	.15	.30	1.00	1.75	7.00
Improved Ideal, a fine early sort .....	.15	.25	.90	1.50	6.00
Kendel's Early Giant.....	.15	.25	.90	1.50	6.00
Little Gem (Shoe Peg).....	.15	.30	1.00	1.50	6.00
Michell's Delicious .....	.20	.40	1.50	2.75	11.00
Stabler's Extra Early.....	.15	.25	.90	1.40	5.60



# MICHELL'S SEASONABLE VEGETABLE SEEDS 39



*Corn Salad*  
**CORN SALAD**

	Pkt.	Oz.	¼ lb.	Lb.
Large Leaved, Round Seeded.....	\$0.05	\$0.10	\$0.25	\$0.75

## CUCUMBER

Davis' Perfect .....	.05	.15	.35	1.20
Cool and Crisp .....	.05	.10	.30	1.00
Emerald .....	.05	.10	.35	1.00
Evergreen .....	.05	.10	.30	1.00
Japanese Climbing .....	.05	.15	.40	1.40
Jersey Pickle or Green Prolific.....	.05	.10	.30	1.00
Long Green Turkey (Improved).....	.05	.10	.30	1.00
Small Gherkin or Burr.....	.05	.15	.45	
White-Spined (Arlington Strain).....	.10	.15	.40	1.30
White-Spined (Improved Strain).....	.05	.10	.30	1.00

## English Forcing Cucumbers

Ideal for growing out doors as well as under glass. They produce enormous fruits, generally 18 to 24 in. long and 3 in. in diameter.

	Pkt. of 12 seeds	Per 100 seeds
Lockie's Perfection .....	\$0.25	\$2.00
Sion House .....	.25	2.00
Telegraph .....	.25	2.00
Tender and True .....	.25	2.00

## CARROTS

	Pkt.	Oz.	¼ lb.	Lb.
Chantenay Half Long .....	\$0.05	\$0.15	\$0.55	\$2.00
Danvers Half Long .....	.05	.15	.55	2.00
Early Half Long Scarlet .....	.05	.15	.55	2.00
Early Scarlet Horn .....	.05	.15	.55	2.00
Guerande or Oxheart .....	.05	.15	.55	2.00
Improved Long Orange .....	.05	.15	.45	1.50
Rubicon Half Long .....	.05	.15	.55	2.00
Very Early Short Horn Scarlet or French Forcing .....	.05	.15	.55	2.00
White Belgian .....	.05	.10	.30	1.00

## ENDIVE

Broad Leaved Batavian (Escarolle)..	.05	.15	.45	1.50
Giant Fringed .....	.05	.25	.75	2.50
Improved Green Curled .....	.05	.15	.45	1.50
White Curled, self-blanching.....	.05	.20	.45	1.50

## KALE

Dwarf Green Curled German.....	.05	.10	.30	.90
Dwarf Green Scotch (New).....	.05	.10	.30	.90
New Imperial Long Standing.....	.05	.10	.30	.90



*Davey's Big Boston Lettuce*

## LETTUCE

	Pkt.	¼ Oz.	Oz.	¼ Lb.	Lb.
All Heart .....	\$0.10	\$0.15	\$0.25	\$0.75	\$2.25
All-Right, Spring and Autumn..	.10	.15	.25	.75	2.50
Big Boston (Selected Stock)...	.05	.10	.20	.60	2.00
Black Seeded Simpson.....	.05	.10	.15	.45	1.50
Boston Market .....	.05	.10	.20	.50	1.50
Cabbage Head Giant .....	.10	.15	.25	.80	2.75
California Cream Butter .....	.05	.10	.15	.40	1.25
Davey's Improved Big Boston..	.10	.20	.40	1.25	
Dutch Butter, Private Stock...	.10	.15	.30	1.00	2.50
Early Cabbage or White Butter	.05	.10	.15	.45	1.50
Early Curled Simpson.....	.05	.10	.15	.45	1.50
Emperor Forcing .....	.05	.10	.20	.50	1.60
Hanson Improved .....	.05	.10	.20	.50	1.50
Kingsholm Cos or Romaine...	.05	.10	.25	.60	1.75
Mammoth Salamander (True)..	.05	.10	.20	.50	1.75
Michell's "Number One".....	.10	.15	.30	1.00	3.00
Sensation .....	.05	.10	.20	.60	2.00
Silesian, loose leaved .....	.05	.10	.15	.45	1.50
Summer Queen .....	.10	.15	.25	.75	2.50
Trianon Self-Folding Cos.....	.05	.15	.25	.60	1.50
Unrivald .....	.05	.10	.20	.60	2.00
Wonderful (forcing and sum- mer use) .....	.05	.10	.20	.50	1.75

For other Varieties see our General Seed Book

## MELONS FOR FORCING

	Pkt.
Blenheim Orange .....	\$0.25
Invincible Scarlet .....	.25
Windsor Castle .....	.25
Sutton's A No. 1 (original packets).....	.50

## MELON NETS

For supporting melons in greenhouses to prevent them tearing down the vines or drop off in the process of ripening. \$1.00 per doz.; per 100, \$7.00.



# 40 MICHELL'S SEASONABLE VEGETABLE SEEDS

## PARSLEY

	Pkt.	Oz.	¼ Lb.	Lb.
Champion Moss Curled.....	\$0.05	\$0.10	\$0.35	\$1.25
Double Curled (Covent Garden).....	.05	.15	.40	1.25
Hamburg or Rooted .....	.05	.15	.40	1.25

## PEAS

Large Packets of all varieties 10c. postpaid.

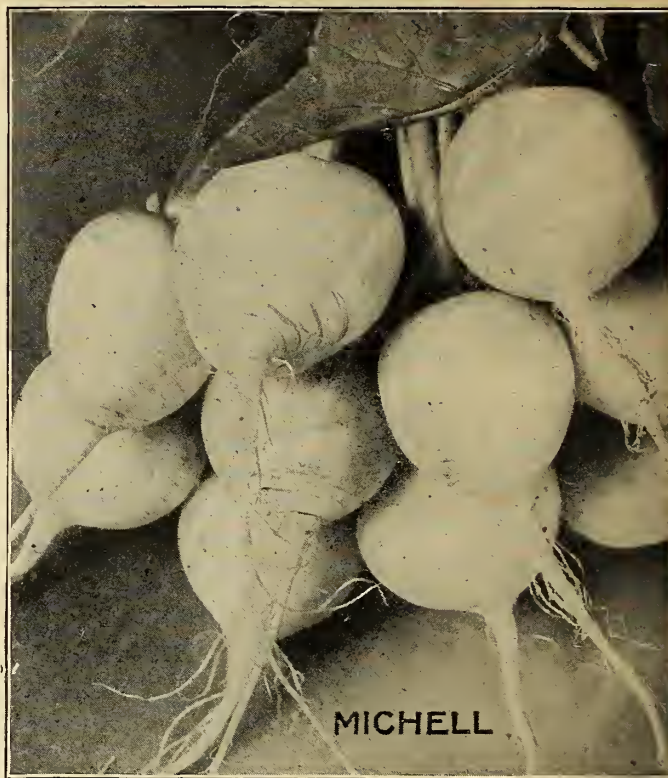
Parcel Post Weight of Peas: 1 pt. equals 1 lb.; 1 qt. equals 2 lbs.

	Pt.	Qt.	4 Qts.	Peck.
Alaska (Extra Early) .....	\$0.15	\$0.30	\$1.10	\$1.75
American Wonder (Extra Early)...	.20	.35	1.25	2.00
Bliss, Abundance (Medium Early) ...	.15	.30	1.00	1.80
Champion of England (Late).....	.15	.30	1.10	1.75
Daisy or Dwarf Telephone (Medium)	.20	.35	1.25	2.25
Dandy (Extra Early), Michell's.....	.20	.35	1.30	2.25
Dwarf Sugar (Edible Pod).....	.20	.40	1.50	2.75
Early June .....	.20	.30	1.10	1.75
Early Morn .....	.20	.35	1.25	2.25
Eureka (Extra Early, True).....	.15	.30	1.00	1.75
Gradus or Prosperity (Extra Early)..	.20	.40	1.50	2.50
Heroine (Medium Early) .....	.20	.35	1.25	2.25
McLean's Little Gem (Extra Early)..	.20	.30	1.10	2.00
Long Island Mammoth (Medium)...	.15	.30	1.10	2.00
Ameer (Early) .....	.15	.30	1.10	2.00
Michell's Special Extra Early.....	.25	.45	1.75	3.25
Nott's Excelsior (Extra Early) .....	.20	.35	1.20	2.25
Nott's Excelsior (Improved Strain)..	.25	.40	1.50	2.75
Sutton's Excelsior (Early) .....	.25	.40	1.40	2.25
Stratagem (Improved Late).....	.20	.35	1.25	2.25
Telephone (Late) .....	.15	.30	1.10	2.00
Thos. Laxton (Very Early).....	.20	.40	1.50	2.50
The Pilot or Leader .....	.20	.40	1.50	2.50

For other Varieties see our General Seed Book

## RADISH

	Pkt.	Oz.	¼ Lb.	Lb.
Beckert's Chartier (Long Scarlet)...	\$0.05	\$0.10	\$0.30	\$0.75
Black (½ Long Winter).....	.05	.10	.30	1.00
Black Spanish (Long Winter) .....	.05	.10	.25	.75
Black Spanish (Round Winter).....	.05	.10	.25	.75
Brightest Scarlet (½ Long).....	.05	.10	.20	.60
California White Winter .....	.05	.10	.25	.75
Cardinal Globe .....	.05	.10	.30	1.00
Cardinal Globe (Improved Strain)...	.05	.15	.40	1.25
Celestial or White Chinese (Winter)..	.05	.10	.30	1.00
China Rose (Winter) .....	.05	.10	.25	.70
Crimson Giant (New) .....	.05	.15	.35	1.00
Fireball .....	.05	.10	.30	.85
French Breakfast .....	.05	.10	.30	.85
Icicle (Long, Pure White).....	.05	.10	.30	.85
Icicle (Improved Strain) .....	.05	.15	.40	1.25
Large White Summer (Turnip-Shaped)	.05	.10	.20	.60
Long Scarlet Short Top.....	.05	.10	.25	.80
Long White Lady Finger.....	.05	.10	.25	.75
Round Red Forcing or Button.....	.05	.10	.30	.85
Round White Forcing or Button.....	.05	.10	.30	.85
White Box (Felton's Private Stock)..	.05	.15	.30	1.00
White Box (Philadelphia Grown) ...	.05	.10	.25	.75
White Strasburg (½ Long).....	.05	.10	.20	.70



Michell's (Improved Strain) Cardinal Globe Radish

## SPINACH

	Pkt.	Oz.	¼ Lb.	Lb.	5 Lb.
Bloomsdale Savoy .....	\$0.05	\$0.10	\$0.20	\$0.50	\$2.00
Bloomsdale Savoy (Improved Strain) .....	.05	.10	.20	.60	2.50
Long Season (New) .....	.05	.10	.20	.60	2.50
New Zealand .....	.05	.10	.35	1.25	
Victoria (Long Standing) .....	.05	.10	.20	.50	2.00

## TOMATOES—Adapted for Forcing

The varieties, offered below, are especially adapted for growing under glass, although they succeed outdoors quite well.

	Pkt.	¼ Oz.	Oz.
Best of All (Sutton's) in original Pkts.....	\$0.10	\$0.25	\$0.50
Comet .....	.10	.20	.35
Eclipse (Sutton's) in original Pkts.....	.50		
Fillbasket (Imported) in original Pkts.....	.50		
Michell's Crackerjack .....	.15	.30	.60

## TURNIP AND RUTA BAGA

	Pkt.	Oz.	¼ Lb.	½ Lb.	Lb.
Cow Horn .....	\$0.05	\$0.10	\$0.20	\$0.35	\$0.60
Early Purple Top, Flat .....	.05	.10	.20	.35	.60
White Globe (Private Stock)..	.05	.15	.35	.50	1.00
Purple Top White Globe.....	.05	.10	.25	.40	.75
Robertson's Golden Ball.....	.05	.10	.20	.30	.60
Ruta Baga, Yellow Purple Top..	.05	.10	.25	.40	.75
Ruta Baga, Private Stock Globe	.05	.15	.35	.65	1.25
Snow Ball, Extra Early, White..	.05	.10	.20	.35	.60
White Flat Dutch, Strap Leaved	.05	.10	.20	.30	.60
White Milan, Extra Early.....	.05	.10	.25	.45	.85
Yellow Aberdeen, Flat .....	.05	.10	.20	.35	.60
Yellow Globe or Amber.....	.05	.10	.20	.35	.60



# MICHELL'S SUPERIOR MUSHROOM SPAWN 41



**IF WANTED BY MAIL, ALLOW  
FOR POSTAGE**

Mushrooms are within the reach of any one who has a greenhouse or a cellar. A crop is produced with good spawn, a little care and patience in about 4 to 6 weeks, and continues in bearing about two months. New beds can be started at intervals which will give a supply the entire season. The first planting can be made in July, the last in March.

Get a quantity of absolutely fresh horse manure and remove the excessive heat by turning it once a day, for 3 days, or until the temperature has fallen to about 100 degrees. Then form a bed 8-10 inches deep and allow it to remain undisturbed, until the temperature has fallen to 80 degrees. Now is the time to plant the spawn.

Break the bricks in pieces the size of a walnut, and place at regular intervals of 1 to 2 inches below the surface of the bed in distance to plant 8 square feet with one brick, compress the manure after spawning to make the bed solid. Nothing now must be done until the bed has a whitish appearance which shows that the spawn is running, nor must it be watered previously. Now place a layer of fine sifted soil, (which should be procured in advance) to the depth of 1 to 2 inches on the bed. With an occasional sprinkling when dry, the bed should begin to produce in from 4 to 6 weeks from spawning time, conditions being favorable. **New beds must be made at each planting.**

Send for our free booklet "Mushrooms, How to Grow Them Successfully."

## BRANDYWINE PURE CULTURE SPAWN

This is an entirely new strain originating in the section of Pennsylvania that supplies the New York and Eastern markets with mushrooms. It appears to be especially full of life and we can recommend it as an early and prolific producer; mushrooms are uniform and almost pure white in color.

Per Brick (P. P. Wt., 1¾	Per 10 Bricks.....\$2.75
lbs.) .....\$0.35	Per 25 Bricks..... 6.50
Per 5 Bricks..... 1.50	Per 50 Bricks.....12.50

## LAMBERT'S AMERICAN PURE CULTURE SPAWN

This type produces larger mushrooms than the English, coming into bearing somewhat earlier, and continuing to crop for a long time. This spawn is produced by selecting spores from individual specimen mushrooms and is propagated and transferred to the bricks of manure, which, when planted, produce mushrooms all of one type.

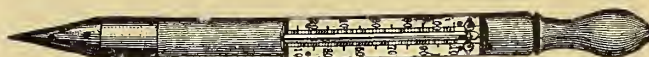
**Direct No. 8. Cream White.** For use from April to October.

**Direct No. 9. Pure White.** For use from October to April.

Per Brick (P. P. Wt., 2	Per 10 Bricks.....\$2.30
lbs.) .....\$0.30	Per 25 Bricks..... 5.60
Per 5 Bricks..... 1.25	Per 50 Bricks.....10.50

## MICHELL'S SUPERIOR ENGLISH MUSHROOM SPAWN

15c. per brick (P. P. Weight, 1¼ lbs. per brick); per doz., \$1.60; 25 lbs., \$2.50; \$8.00 per 100 lbs.



## MUSHROOM OR HOT BED THERMOMETERS

Heavy Iron Point style, \$1.00 | Heavy Brass Point style, \$1.50

Thermometers should, wherever possible, be sent by express. We do not guarantee safe arrival if forwarded by parcel post.

## Books on Growing Mushrooms

Pamphlet (gratis for a postal card asking for it).

Robinson's Book (postpaid) .....\$0.50

Falconer's Book (postpaid) ..... 1.00

## A FEW OF THE MANY TESTIMONIALS

Punxsutawney, Pa.

Last fall I purchased a brick of spawn from you and I want to tell you, it is wonderful the way the mushrooms grew. I planted the brick in a bed about 5x9 feet and that bed was one solid mass of mushrooms and it was the curiosity of the town, as people came from all over to see it.

E. J. BAKER.

South Manchester, Conn.

The mushroom spawn I had from you last Fall is the best I ever had.

PETER ZUGER.





## MICHELL'S RECLEANED GRASS SEEDS

August and September are Ideal Months for sowing Grass Seeds

### MIXTURES FOR LAWNS

**Michell's Top Notch.** 25 lbs. per bushel. The finest Lawn Mixture in existence. It is not put up or sold in less quantity than one peck. Prices: \$2.00 per peck; per  $\frac{1}{2}$  bushel, \$3.75; \$7.00 per bushel of 25 lbs.; 2 bushels, \$13.50; \$32.50 per 5 bushels; 100-lb. lots and over, 26c. lb.

**Michell's Green Velvet.** 20 lbs. per bushel. Produces a perfect lawn in 4 to 5 weeks' time. Sow 4 bushels per acre. Prices: 1 pint, 20c.; 30c. per qt.; 4 qts., 85c.; \$1.25 per peck; per bushel, \$5.00; \$24.00 per 5 bushels; 100-lb. lots and over, 24c. lb.

**Michell's Evergreen.** 20 lbs. per bushel. The standard Lawn Mixture in the United States. Sow 4 bushels per acre. Prices: Pint, 15c.; 25c. per qt.; 4 qts., 65c.; \$1.00 per peck; bushel (20 lbs.), \$4.00; \$19.50 per 5 bushels; 100-lb. lots and over, 19 $\frac{1}{2}$ c. lb.

**Michell's Shaded Lawn Grass.** Will produce perfect swards in the most densely shaded places. Prices: 1 pint, 15c.; 25c. per qt.; 2 qts., 40c.; 75c. per 4 qts.; peck, \$1.25; \$5.00 per bushel (20 lbs.); 5 bushels, \$24.00; 100-lb. lots and over, 24c. lb.

**Fairmount Park Lawn Seed.** Sow 4 bushels to the acre. Prices: Per qt., 20c.; 35c. for 2 qts.; 4 qts., 60c.; 85c. per pk.; per bush. of 15 lbs., \$3.00; \$14.50 for 5 bush.; 100 lbs. and over, 19c. lb.

**Michell's Seashore Formula Grass Seed.** Contains such grasses as thrive in salt air regions. 4 bu. per acre. Prices: Per qt., 25c.; 40c. for 2 qts.; 4 qts., 75c.; \$1.25 per pk.; per bush. of 20 lbs., \$5.00; 5 bush. for \$24.00; 100 lbs. and over, 24c. lb.

**Michell's Terrace or Embankment Grass Seed.** Sow 4 bushels per acre. Prices: Per qt., 25c.; 40c. for 2 qts.; 4 qts., 75c.; \$1.25 per pk.; per bush. of 20 lbs., \$5.00; 5 bush., \$24.00; 100 lbs. and over, 24c. lb.

**Southern States Lawn Grass Seed.** Made up especially for dry, hot localities, especially suited to the Southern States. 15 lbs. per bushel. Prices: 20c. per qt.; 2 qts., 35c.; 60c. for 4 qts.; pk., \$1.00; \$3.50 per bu.; 5 bu., \$16.25; 100 lbs. and over, 21c. lb.

**Special Sod Grass Seed.** Producing a heavy sod in a short time. 15 lbs. per bushel. Prices: 25c. per qt.; 2 qts., 40c.; 75c. for 4 qts.; pk., \$1.00; \$4.00 per bush.; 5 bush., \$18.75; 100 lbs. and over, 25c. lb.

### MIXTURES FOR LAWNS—Continued

**Woodland's Grass Mixture.** A mixture of hardy grasses, that have given splendid satisfaction in thickly wooded locations (Norway Maples and Pine Trees excepted). \$1.00 per pk. (5 lbs.); per bushel of 20 lbs., \$4.00; \$19.50 for 5 bushels; 100 lbs. and over at 19 $\frac{1}{2}$ c. lb.

### MIXTURES FOR PLEASURE GROUNDS

#### Michell's Fair Greens (Golf Course) Mixture

Composed of short-growing, deep-rooted varieties, resists plenty of wear. It retains its color well during the severest droughts. Golf courses to retain their permanency should receive additional sowings during the season. Sow 6 bushels per acre.

Prices: Qt., 25c.; 2 qts., 45c.; 4 qts., 75c.; 1 peck, \$1.25; 1 bu. (20 lbs.), \$4.50; 5 bu., \$21.25; 100-lb. lots and over, 21 $\frac{1}{4}$ c. lb.

#### Michell's Putting Greens Mixture

This is a quick-growing mixture of short, thin-bladed grasses, over which the ball can roll without resistance. In sowing Putting Greens it is wise economy to be very liberal with the seed, as these places are subjected to hard use. We do not recommend less than 1 bushel of 25 lbs. (and more is better) to a green 75 foot square.

Prices: 1 qt., 30c.; 4 qts., \$1.00; 1 peck, \$2.00; 1 bush. (25 lbs.), \$8.00; 5 bush., \$37.50; \$72.50 per 10 bushels.

**Teeing Grounds Mixture.** 20 lbs. per bushel. Used on golf courses or in places where a tough resisting turf is wanted. 25c. qt.; 4 qts., 65c.; \$1.00 per peck (5 lbs.); bushel (20 lbs.), \$4.00.

**Tennis Court Mixture.** Will produce a first-class tennis court. 25c. per qt.; 2 qts., 45c.; 75c. for 4 qts.; peck, \$1.25; \$4.50 per bush. (20 lbs.); 5 bush., \$21.25; 100-lb. lots and over, 21 $\frac{1}{4}$ c. lb.

### WHITE CLOVER

Choice recleaned for sowing on lawns, pastures, etc. Sow 10 to 12 lbs. per acre (60 lbs. per bu.).  $\frac{1}{4}$  lb., 20c.; 65c. lb.; 5 lbs., \$3.15; \$6.00 for 10 lbs.; bu. (60 lbs.), \$34.25; \$55.00 per 100 lbs.

**Note**—All Grass Mixtures except Putting Greens and Golf Course contain white clover. Any of them, however, can be furnished without this.





## MICHELL'S RECLEANED GRASS SEEDS

August and September are ideal months to sow Grass Seeds

**Michell's Permanent Pasture Grass Seed.** The prevalent method of sowing timothy and clover has been found not only costly but too short-lived to answer the purpose. The old custom has given way to the new, which is the sowing of a mixture of permanent grasses. Michell's Permanent Pasture Grass Seed is composed of about 10 of the best growing and most nutritious grasses and clovers for stock feeding or grazing. One sowing will last many years, although we advise additional sowings each autumn. Sow 3 to 4 bushels per acre on new lands or 2 bushels on established pastures (15 lbs. per bushel). Prices: Per qt., 20c.; 4 qts., 50c.; peck, 85c.; bush. (15 lbs.), \$3.00; 5 bush., \$13.75; 100-lb. lots, 18c. lb.; 200-lb. lots and over, 17c. lb.

**Poultry Yard Grass Seed Formula.** Germinates very quickly and makes a sod that grows luxuriantly. 20c. qt.; per 2 qts., 35c.; 60c. for 4 qts.; peck, 85c.; \$3.00 per bushel.

**Michell's Permanent Hayfield Grass Seed.** While timothy is still extensively sown for this purpose, this mixture is gradually being adopted by the progressive farmer. Its main advantages are that certain grasses in the mixture will grow better in varying conditions of soil, thus giving a full crop of hay on land that otherwise might produce but a half crop of timothy and clover. Our formula is the outcome of thorough trials in every kind of soil. Sow 3 to 4 bushels per acre on new lands, or 2 bushels on established fields (15 lbs. per bushel). Prices: Per qt., 20c.; 4 qts., 50c.; peck, 85c.; bush. (15 lbs.), \$3.25; 5 bush., \$14.00; 100-lb. lots, 18c. lb.; 200-lb. lots and over, 17c. lb.

**White Clover.** Choicest recleaned for sowing on lawns, pastures, etc. Sow 10 to 12 lbs. per acre (60 lbs. per bu.). ¼ lb., 20c.; 65c. lb.; 5 lbs., \$3.15; \$6.00 for 10 lbs.; bu. (60 lbs.), \$34.25; \$55.00 per 100 lbs.

### GRASSES IN SEPARATE VARIETIES

#### Prices Subject to Market Changes

We handle the best recleaned grass seeds in separate varieties. Some persons like to do their own mixing or prefer to sow only one kind of grass; we make no charge for mixing.

Lbs. per bush.	Lb.	Bush.	100 lbs.
	Bermuda Grass (5 lbs., \$2.25)		\$0.50
14	Blue Grass (Kentucky). Extra Fancy, 3 to 5 bu. per acre (60c. per peck)	.20	\$2.25 \$13.00
14	Blue Grass (Canadian). 3 to 5 bu. per acre	.15	2.00 11.00
20	Creeping Bent. 4 bu. per acre	.60	11.50 50.00
21	Crested Dogstail. 3½ to 4 bu. per acre	.40	7.00 32.00
24	English Rye (Pacey's Fancy Perennial Rye), fine for lawns. 3 bu. per acre	.15	2.75 10.00
14	Fine Leaved or Slender Fescue	.55	7.00 45.00
32	Herd or Red Top. Fancy recleaned	.20	5.25 16.00

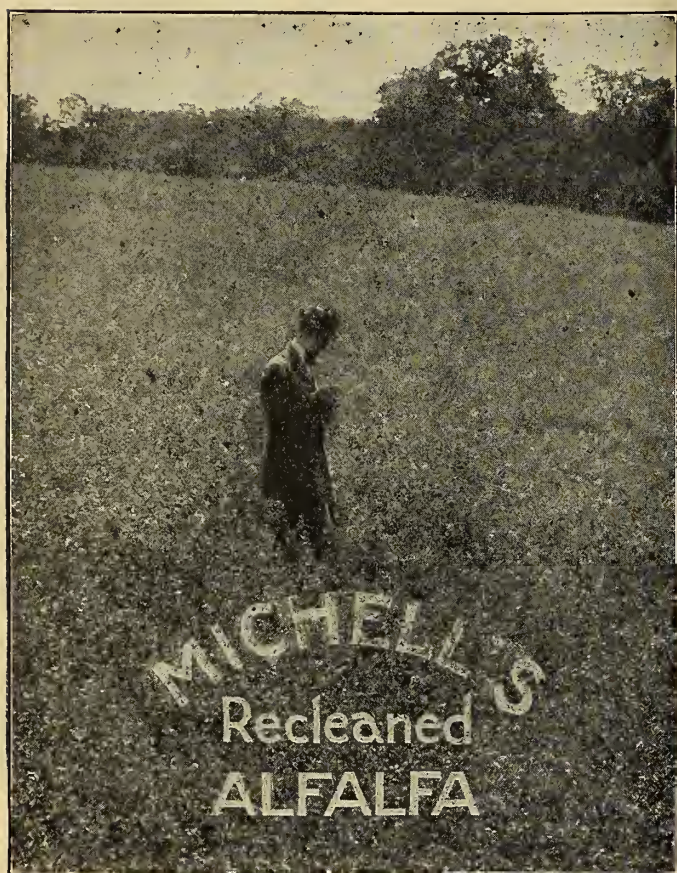
Lbs. per bush.	Lb.	Bush.	100 lbs.
10	Herd or Red Top. Unhulled. 4 to 5 bu. per acre	\$.015	\$1.25 \$10.00
12	Hard Fescue. 30 lbs. per acre	.35	3.75 30.00
18	Italian Rye. 50 lbs. per acre	.15	2.25 11.00
22	Meadow Fescue. English Blue Grass	.20	3.00 12.00
12	Orchard. 40 lbs., per acre	.30	3.25 22.00
14	Red or Creeping Fescue	.40	5.00 32.00
14	Rhode Island Bent. 40 lbs. per acre	.60	8.00 50.00
12	Sheep's Fescue. 40 lbs. per acre	.35	3.50 27.50
	Sudan Grass. 20 lbs. per acre (10 lbs., \$1.75)	.20	15.00
	Sweet Vernal (Perennial). (5 lbs., \$3.50)		
	3 lbs. per acre with other grass	.75	
	Sweet Vernal (Annual). (5 lbs., \$1.00)		
	3 lbs. per acre with other grass	.25	18.00
10	Tall Meadow Oat (French Rye Grass)	.35	3.00 25.00
45	Timothy Seed. ½ bu. per acre alone	.12	
15	Various Leaved Fescue	.35	4.50 27.50
14	Wood Meadow. 30 lbs. per acre	.50	6.25 42.00

NOTE.—Prices on separate varieties of grasses subject to market changes.



# MICHELL'S RECLEANED FARM SEEDS

In ordering Farm Seeds, always allow 22c. for each 2 bushel bag. These are returnable at the price charged.



An Alfalfa field will prove a good investment on any farm

## CLOVERS

**Alfalfa or Lucerne (*Medicago Sativa*).** The most valuable forage crop on the American farm today, and can be truly termed a mortgage lifter. It is sown during May, August and September, these being the best months for success, although it can be sown at other times with a possible chance of doing well. Careful preparation of the soil previous to sowing is the main thing. Our special Circular on Alfalfa goes into this carefully and is free for the asking. Sow not less than ½ bushel (30 lbs.) per acre preferably with no other crop. *Our seed is always over 99% pure, and will invariably give the best of results.* Price, per lb., 25c. Write for price on larger quantities, as it changes constantly.

**Alsike or Swedish Clover (*Trifolium Hybridum*).** One of the best for mixing with timothy; it is perfectly hardy in every climate or soil condition and seldom has to be reseeded. Under ordinary conditions it grows from 1 to 2 feet high, is sown early in the spring or late summer and early autumn. It is as nutritious as red clover and is rapidly coming to the front as a valuable farm crop. The flower resembles the white clover except that the head is larger and has a red tinge on the edge. Sow 10 to 15 lbs. per acre alone or 8 lbs. per acre with timothy. Price, 25c. lb. Price on larger quantity on application.

**Bokhara or Giant Sweet Clover (*Melilotus Alba*; Syn. *M. Leucantha*).** Used either as a feed crop or as a fertilizer to plow under, to improve the soil. Grows from 4 to 6 feet high. It will thrive on almost any kind of soil. If you have thin, rocky, hard or sour soil which you wish to enrich, this is just the crop for you to grow. It will make two hay crops the first year and the fodder is considered the best for cows, cattle and hogs. It will not bloat cattle under any conditions. Can be plowed under either the first or second year. *We handle only the true, white-flowering biennial variety.* Sow 15 lbs. per acre in early spring alone, or 10 lbs. per acre with other crops. Price, 35c. per lb. Price on larger quantity on application.

## CLOVERS (Continued)

**Crimson Clover (*Trifolium Incarnatum*).** Delaware Grown Seed. This is used principally for soiling or green manuring, for which purposes it is highly valuable. If desired for feed, cut it just before it flowers. When desired for green manure it should be allowed to mature; its height is from 1 to 2 feet. Sow any time from April to October, the earlier the better, 20 lbs. to the acre. If sown in early spring it can be plowed down the first year, although no other crop can be raised on the field that season. Fall or late summer seeding makes it possible to use the field the following season. It is not hardy for more than one season and must be sown each year, flowers crimson. Price, 15c. per lb.; larger quantity prices on application.

**Mammoth Red Clover (*Trifolium Pratense Perenne*).** Sometimes called Sapling or Pea Vine Clover and English Cow Grass. This differs from the "Medium," being of a ranker growth and yielding more fodder per acre. It ripens somewhat later and is more hardy, lasting several seasons longer than the medium red clover. It also does well on poorer soils. The seed cannot be distinguished from the former. Our supply, however, is strictly reliable. Sow in early spring or in July and August, using 20 lbs. per acre alone or with other crops 10 lbs. per acre; flowers pink. It can be harvested several times in a season. 25c. per lb.; larger quantity prices on application.

**Red Clover, Medium (*Trifolium Pratense*).** More widely known and used than any other, used principally for hay purposes. Height from 18 inches to 2½ feet. Sow early in the spring or in late summer—July and August; if alone, 20 lbs. per acre; if with other crops, 10 lbs. per acre. A red clover field can usually be cut twice in a season. It is not hardy for a period of years, being usually resown every third season; flowers pink. Price, 25c. lb.; larger quantity price on application.

**White Dutch or Lawn Clover (*Trifolium Repens*).** This is valuable for pasturage; it succeeds where other clovers and grasses fail, and it seldom dies out. It can be sown at all seasons although early spring is best; flowers greenish white. Sow 10 to 12 lbs. per acre if alone or 5 lbs. if sown on old turf or with other crops. ¼ lb., 20c.; 65c. lb.; 5 lbs., \$3.15; \$6.00 for 10 lbs.; bu. (60 lbs.), \$34.25; \$55.00 per 100 lbs.

## COW PEAS

Sow 2 bushels per acre broadcast or 1 bushel per acre in drills.

**Black.** One of the popular varieties extensively grown. It is very prolific and matures early. It is of upright growth, consequently preferred for ploughing under or for raising stock.

**Large Black Eye.** An exceedingly heavy cropper, but late to mature. In the South, the seed of this variety is sold for dried peas for household use, and it is claimed they are quite delicious.

**Whippoorwill.** Medium early, upright growing variety, extensively used, more than any other. The seed is brown and gray speckled. It is a heavy producer of both pods and fodder. Some claim this variety gathers more nitrogen than others.

**New Era.** Of upright growing habit, quick to mature and remarkably prolific in both vines and pods. The seed is smaller and requires only from ¾ to 1 bushel for sowing an acre.

**Early Ramshorn.** This is a black-eyed variety, but much earlier than the regular type. The vines are enormous with an abundance of pods.

PRICES: These fluctuate constantly; will be quoted on request.

## FARMOGERM (Nitrogen Bacteria)

Those desiring maximum crops, should inoculate their clovers before sowing with Farmogerm, particularly Alfalfa. It is easily applied, and will return its cost many times. Clovers inoculated with Farmogerm are capable of gathering as high as the equivalent of one ton of nitrates per acre from the air. Descriptive circular free. Price of Farmogerm, ¼ acre bottle, 50c.; \$2.00 one acre bottle; 5 acre bottle, \$6.00.





*A field of Japanese Buckwheat*

## BUCKWHEAT

In the locality of Philadelphia this is sown anywhere from June 1st to August 1st; one bushel of 48 lbs. broadcast to the acre. It makes a very fine quality of flour, and is largely used for poultry food. For planting adjacent to game preserves it provides excellent food for the birds. The flower makes ideal bee food; while the straw is very abundant. Our seed is grown by a specialist in New York State, who procures his seed stock every few years from Japan. Any of the clover crops can be sown with buckwheat, these to mature the following season. Buckwheat frequently yields as much as 80 bushels to the acre.

**Silver Hull.** Late maturing variety; grain making whiter flour; very prolific.

**Japanese.** Very early variety. Dark, large grain. Price of Buckwheat, 15c. per quart; per peck, 50c. For larger quantities, price on application.

## BARLEY

There is a threefold purpose in growing barley. Its straw is good for green feed or when cured, as hay. The grain in the hull is excellent poultry feed and with the latter removed is used in the household. It is a quick growing crop and very nutritious. If wanted for hay it should be cut while the grain-head is in a soft or milky condition. Sow broadcast 1½ to 2 bushels per acre from May 15th to July 15th. 48 lbs. per bushel.

**Beardless.** New York grown stock frequently yields 50 bushels per acre. 15c. qt. Larger quantity, price on application.

## WINTER RYE

**Penna. Large White.** Sow 1 to 1½ bushels per acre during fall. An excellent green food in spring, and may be used for turning under or harvesting. 10c. qt. Larger quantity, price on application.

## RECLEANED TIMOTHY

Our stock is of very best quality; for sowing among wheat as a second-year hay crop, or for sowing alone for a first-year hay crop this is extensively used. Sow ½ bu. per acre alone or 6 to 8 qts. with wheat. 15c. lb. Write for price on larger quantity.



## WINTER VETCH (*Vicia Villosa*)

### True Sand or Hairy Vetch

Extensively used as a soil renovator or for dry or green feed in the early spring. It may be sown alone or with Winter Rye or Oats; is perfectly hardy, thriving under most adverse conditions. Is very nutritious, and live stock relish it. When sown with rye, etc., it will attain a height of 4 to 5 feet; sow ½ bushel an acre broadcast alone or with other crops. Sow early in the fall or summer, and get a good growth before cold weather sets in. 60 lbs per bu. Price on application.

## MILLET

This is a very important emergency crop when the season for hay has been unsatisfactory. Can be sown as late as July 15th.

**Tennessee, German or Golden.** Produces a fine quality of hay and makes a large seed-head. In good seasons it grows about 4 feet high. 48 lbs. per bushel. 15c. qt.

**Hungarian.** Not so fine in quality as the "German." It can, however, be sown 2 weeks later. 48 lbs. per bushel. 15c. qt.

**Japanese Barnyard.** Sow 12 lbs. per acre broadcast. 15c. lb. Price on larger quantities of Millet on application.

## SOJA BEANS

For green manuring, fodder and silo purposes.

**Mammoth Yellow, Hollybrook, Ito San, and Wilson** varieties. Prices on application.

## WINTER WHEAT (*Ready about Sept. 10th*)

**Leap's Prolific.**

**Four-rowed Fultz** (Beardless) Red.

**Miracle** (Bearded). Red.

**Fultz Mediterranean** (Beardless). Red.

**Red Wave** (Beardless). Dark red.

**Silver Sheaf Longberry** (Bearded). Red.

**Lancaster-Fulcaster** (Bearded). Red.

Price on application.

## DWARF ESSEX RAPE

For pasturing sheep and hogs. Sow 6 lbs. per acre broadcast. Price on application.



# 46 MICHELL'S LAWN AND GARDEN NEEDS

## DUNHAM WATER BALLAST ROLLERS



The proper roller for most any occasion; fill it with water or sand which will weight it any number of pounds desired. Can be had in one or two sections. Roller axle bearings.

	Sec. tions	Diam.	Width	Weight Empty	Wt. filled with Water	Price
H. W.	6..1	24	24	185	560	\$14.80
H. W.	8...2	24	32	200	710	16.40
H. W.	10..2	18	24	160	360	15.60
H. W.	12..2	24	32	230	710	20.40

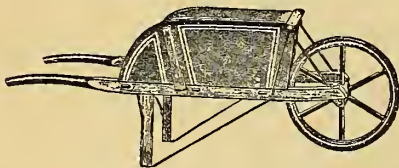
We can also supply other sizes Water Rollers.

## BOSS HAND ROLLERS

No.	Diam.	Wide	Sections	Weight Lbs.	Price
1....	15 in.	15 in.	2	150	\$7.60
2....	15 in.	22 in.	3	200	10.00
3....	20 in.	16 in.	2	225	11.25
4....	20 in.	20 in.	2	250	12.50
5....	20 in.	20 in.	1	250	12.50
6....	20 in.	24 in.	3	300	14.75
7....	20 in.	24 in.	2	300	14.75
8....	20 in.	30 in.	3	350	17.25
9....	24 in.	20 in.	2	400	19.50
10....	24 in.	24 in.	2	450	22.00
11....	24 in.	24 in.	3	450	22.00
12....	24 in.	30 in.	3	500	24.50
13....	28 in.	24 in.	2	500	24.50
14....	28 in.	24 in.	3	500	24.50

We can also supply other sizes and weights of Boss Hand Rollers, also Boss Horse Rollers for Golf Grounds, Lawns, etc.

## WHEELBARROWS



For Farm and Garden and Greenhouse Use

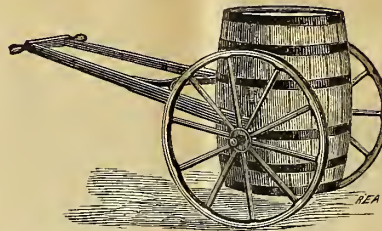
The measurements of barrows are understood, viz: length, meaning inside length of body; depth, inside depth at front; width, outside width at handles.

	No.	Tire	Length	Depth	Width	Price
<b>Eastern</b>	.3	1½	28	11	22	\$3.75
“	.4	3	26¼	11½	27	4.50
“	.5	3	28¾	11¾	27	5.00
<b>Boys</b>	.2	2	21¾	9¼	20	3.00
<b>Canal.</b>	Side dump (bolted).....					2.50
<b>Special</b>	Greenhouse Style.....					5.50

## NEEDS FOR THE LAWN MOWER

Lawn Mower Oil. 15c. per pt.; per qt., 25c.; 40c. per 1/2 gal.; per gal., 75c.; \$3.00 per 5 gals. (Not available.)

Oil Cans. Zinc	.....	\$0.25
" " Bronzed steel	.....	.30
" " Brass	.....	.45
Emery (for sharpening mowers), 14c. lb.; 10 lbs., \$1.25.		



## WATER BARREL TRUCKS, Etc.

The price below includes barrel and truck. The barrel may be detached quickly and the leaf rack or stone box may be attached.

1 1/2-inch tire truck, all iron wheels, with barrel.....	\$10.00
2 1/2-inch tire truck, all iron wheels, with barrel.....	10.75
3 1/2-inch tire truck, all iron wheels, with barrel.....	11.25
Extra Barrels, with trunnions....	3.50
" Trucks only, no wheels....	3.50
1 1/2-inch wheels only, per pair.....	4.50
2 1/2-inch wheels only, per pair.....	5.25
3 1/2-inch wheels only, per pair.....	5.75
Stone Boxes for attaching to the above truck .....	3.25



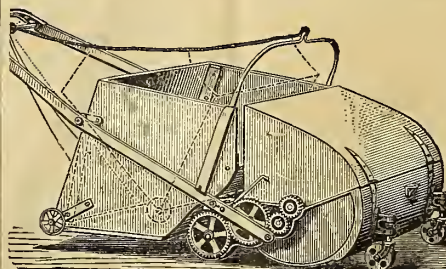
## KEYSTONE LEAF RACKS

This new device can be used on wheelbarrows with removable sides. Convenient for gathering leaves, cut grass and rubbish. Has a capacity of 10 bushels; made of galvanized wire, bolted to a wooden base. Price, not including wheelbarrow, \$5.00.

## METAL LEAF RACKS

Excellent for gathering leaves, litter, grass, etc. They can be attached to a water barrel truck, shown above, instantly.

Leaf Rack only, no truck.....	\$5.50
" with 1 1/2-inch truck....	11.00
" with 2 1/2-inch truck....	11.75
" with 3 1/2-inch truck....	12.50



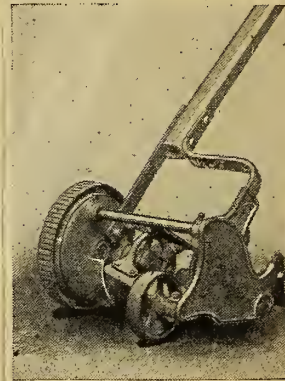
## PHILA. HORSE LAWN SWEEPER

An excellent machine for use on large places. 40 inch width. Price, \$80.00.

## PENNA. LAWN CLEANER AND RAKE

There is no equipment that can take the place of this indispensable apparatus; the name "comb and brush for the lawn" has often been applied to it. The flexible rake bars are of wood, with steel springs and teeth; they rotate just like a lawn mower cylinder, and clean up every particle of leaves, mown grass, litter or rubbish, throwing it into a receptacle or bag in the rear, which is of large capacity. This can be detached and emptied at will.

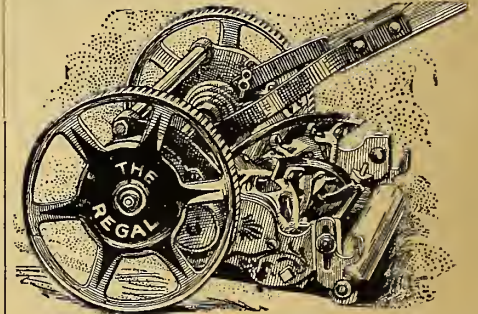
24-inch rake.....	\$16.00
36-inch rake.....	25.00



## COLDWELL LAWN TRIMMER

Excellent for trimming around flower beds, shrubbery and walk edges. Price, \$5.00.

## REGAL B. B. LAWN MOWER



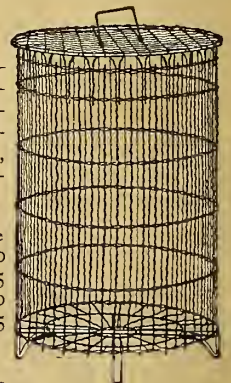
14-in., 5-blade cyl. H.W.....	\$9.75
16-in., " " " .....	10.75
18-in., " " " .....	11.75
20-in., " " " .....	12.75

We can also supply Penna., Phila., and Coldwell Horse and Hand Lawn Mowers, also Continental, Great Am. B. B., etc., Lawn Trimmers, etc.

## MICHELL'S RUBBISH CONSUMERS

Made of heavy galvanized wire, an indispensable arrangement for burning rubbish, paper, leaves, etc., without endangering property.

Size	Diam.	High	Price
D,	21 in.	x 31 in.	\$2.50
C,	18 in.	x 26 in.	1.75
B,	15 in.	x 22 in.	1.50
A,	12 in.	x 18 in.	1.25
Extra Heavy Construction			
E,	20 in.	x 30 in.	\$8.00
F,	24 in.	x 36 in.	12.00



All Prices Subject to Market Changes

(hn)



# MICHELL'S LAWN AND GARDEN NEEDS 47

## SICKLES or GRASS HOOKS

English Rivet Back, No. 3	.....	\$0.65
" " " " 2	.....	.55
" " " " 1	.....	.55
" Solid " " 2	.....	.50
Dutch, small, " 1	.....	.30
" large, " 2	.....	.35
Little Giant	.....	.50
Village Smithy, solid steel	.....	.40

Grass Hooks are not available.



## SCYTHES

American Little Giant, 32 inch	.....	\$0.90
" " " 34 "	.....	1.00
" " " 36 "	.....	1.10
Little Giant Brush or Briar	.....	1.00
The Little Giant is the best American-made scythe. It is excellent for field and heavy grass work.		
English, 32 in., rivet back, Lawn Style	.....	\$1.25
" 34 " " " " "	.....	1.25
" 36 " " " " "	.....	1.35
" 38 " " " " "	.....	1.35

## SCYTHE STONES

	Each	Doz.
Talacre, Imported (English)	.....\$0.35	\$3.50
Darby Creek	......10	1.10
Carborundum, Very fine quality	......25	2.50

## SCYTHE HANDLES, Etc.

Made of hard wood, well finished.		
No. 50 Regular Scythe style	.....	\$0.75
Snath Clips	.....	.15

## EDGING KNIVES (with handles)

For trimming edges of paths, etc.		
Mehler Edging Tool	.....	\$1.00
American No. 040	.....	.60
English, 8 inch	.....	1.50
English, 9 inch	.....	1.75

## LAWN BORDER SHEARS



Made of finest English steel. They take the place of edging knives, and avoid the necessity of doing much stooping.

Without wheel.		
No. 104. 8½ in.	.....	\$2.00
No. 104. 10 "	.....	2.50
With one wheel.		
No. 105. 8½ in.	.....	\$2.50
No. 105. 10 "	.....	3.00

For trimming under shrubbery, fences and other out of the way places.

No. 1062, 8½ inch blade, long handle, \$2.50.

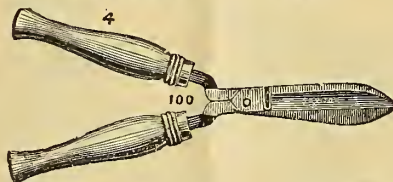
Handles for Border Shears, \$1.00 per pair.



## GRASS SHEARS

		P. P. Wt.	
3075. 6 inch, English	.....2 lbs.	\$1.00	
3075. 7 " "	.....2 lbs.	1.25	
119. 7½ " Saynor	.....2 lbs.	1.75	
120. 7½ " "	.....2 lbs.	1.50	
360. 6 " English	.....2 lbs.	.75	
361. 5½ " "	.....2 lbs.	.60	
263. 5½ " Trowel Shank	.....2 lbs.	.50	
268. 5½ " Extra Heavy	.....2 lbs.	.60	
273. American	.....1 lb.	.35	

## HEDGE SHEARS



		P. P. Wt.	Plain Fly Nut Bolt Each	Each
107—5½ inch, Ladies'	.....4 lbs.	\$1.00		
101—8 " "	.....4 lbs.	1.50	\$2.00	
101—9 " "	.....5 lbs.	1.75	2.25	
101—10 " "	.....5 lbs.	2.00	2.50	
101—12 " "	.....6 lbs.	2.50		

## SAYNOR HEDGE SHEARS

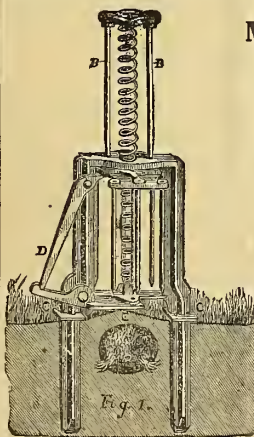
With fly nut equipment.		
9 inch	.....	\$2.75 per pair.
10 inch	.....	3.00 per pair.

## NEVERSLIP HEDGE SHEARS

8 in.	.....\$1.80	9 in.	.....\$2.25	10 in.	.....\$2.50
Handles for Hedge Shears, 50c. per pair.					
Fly Nuts and Bolts for Hedge Shears, 30c. each.					

## UNIQUE HEDGE TRIMMER

A practical tool for trimming the summer growth of hedge; it works like a charm and leaves the hedge in better shape than you could with any other shear, and does the work in ¼ the time. Guaranteed satisfactory; cuts 16-inch swath. \$6.00.



Olmstead

## MOLE TRAPS

	Each
English, for hot beds	.....\$0.40
Olmstead	.....1.50
Rittenhouse	......75
Reddick	.....1.00

## WOOD MEASURES

Cedar, Iron Bound	
¼ peck	.....\$0.35
½ peck	......35
1 peck	......50
½ bushel	......75
1 bushel	.....1.25



## BAGS FOR PROTECTING GRAPES

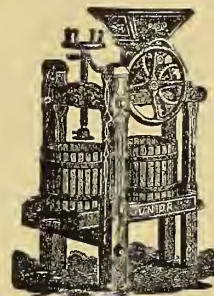
Grape growers will find after once using that these bags are indispensable; they keep the fruit clean, and free from insects, at the same time allow it to ripen freely. Grapes in bags sometimes keep until very late in the autumn on the vines.

If put on during the period when grapes are forming, they will save many times their cost in the amount of fruit they will rescue from insects, rot, etc. All ready with fasteners to attach.

If desired by mail please add to the prices below as noted.

## MICHELL'S OWN MAKE

	Weight for mail per 100	100	1000
2 lb. size	.....1½ lbs.	\$0.30	\$2.75
3 lb. size	.....1½ lbs.	.35	3.25
4 lb. size	.....1½ lbs.	.40	3.75



Cider Mill

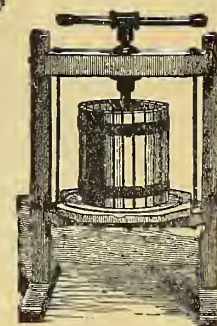
## CIDER MILLS

Junior .....	\$12.00
Medium ...	16.00
Senior .....	21.00
“ for power	25.00
Gem No. 0..	8.00
Gem No. 1..	10.00
Little Boss.	10.00

## WINE PRESSES

Made of best quality wood, carefully bolted and finished.

No. 1	.....\$4.00
No. 2	.....5.00
No. 2½	.....5.75
No. 3	.....6.25



Wine Press

## GRAPE GRINDER

Suitable for crushing berries, grapes and similar soft fruit.

Price.....\$3.50

## SHADING OR PROTECTING CLOTH

Largely used as a substitute for glass where protection is desired. It is admirable for summer use, protecting plants, etc., from sun and at the same time allowing ventilation.

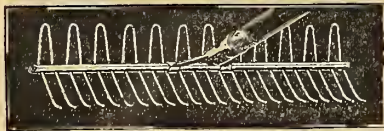
	Yards per Piece	Per Yard	Per Piece
Light. Brown cloth	60	\$0.06	\$3.30
Medium. Brown cloth	60	.10	5.40
Heavy. Brown cloth	40	.14	5.20

For a Complete List of Implements and Sundries see our General Catalogue

(hn)



# MICHELL'S LAWN AND GARDEN NEEDS



## WIRE RAKES FOR LAWNS

Made of heavy tinned steel wire. These are excellent for lawn or walk work. The rake is reversible and will answer several purposes.

24 tooth.....\$0.50 | 36 tooth.....\$0.75



## OLE OLSEN LAWN RAKES

This rake head is slightly curved from the centre to each end, which does not allow any material that has been caught by the teeth to slip around the edges.

26 tooth, hickory wood. Price, 50c.

## LAWN KING RAKES No. 210

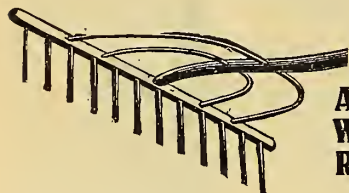
Made of best hard wood, thoroughly braced with iron.

22 tooth.....\$0.30 | 38 tooth.....\$0.75  
26 " ..... .50 | 50 " ..... 1.00

## AUTO. LAWN RAKE No. 205

This rake is fitted with an unloading head. While raking this head lies forward, and upon pressing the rake forward the unloading head moves backward, cleaning out the raking head entirely.

22 tooth.....\$0.50 | 38 tooth.....\$0.90  
26 " ..... .60 | 50 " ..... 1.35



## AMES WOODEN RAKES

No. 30X—14 tooth, wood bows. For hay, etc. 55c.

No. 36X—24 tooth, wood bows. For lawns, 70c.

24 tooth, steel bows. For lawns, 80c.

## SCUFFLE HOES

Made of best English steel.

4-inch .....\$0.50 | 7-inch .....\$0.70  
5 " ..... .55 | 8 " ..... .75  
6 " ..... .65 | 10 " ..... 1.00

## HOE AND RAKE

(COMBINED)

An excellent tool for ladies, combining simplicity and utility. Made of the very best steel, which will outlast several cheaper tools of the same class.

No. 4P. 4 prong.....\$0.50  
No. 6P. 6 prong..... .60



## STEEL GARDEN RAKES

Made of best cast steel, with long teeth for penetrating the ground.

6 tooth.....\$0.45 | 12 tooth.....\$0.55  
8 " ..... .45 | 14 " ..... .60  
10 " ..... .50 | 16 " ..... .65



## STEEL GRAVEL RAKES

These rakes are used for road-raking and for paths. Having very short teeth they do not gather up stones or gravel.

No. Tooth No. Tooth  
G12 12.....\$0.55 | G16 16.....\$0.65  
G14 14..... .60 | G18 18..... .70  
No. 20 20 tooth....\$0.80



## STEEL BOW RAKES

Preferred by many to the regular garden rake. The teeth are slightly bent toward the operator.

11 tooth.....\$0.60 | 13 tooth.....\$0.65  
15 tooth.....\$0.70

## TWO-PRONG HOE

Will be found very valuable in weeding in narrow rows.

No. 2P .....\$0.45

## WARREN HOES

Excellent tools for making drills preparatory to sowing of seed. The back can be used for covering.

No. W7.....\$0.65 | No. W8.....\$0.75



## HALF MOON HOES

Best steel, solid sockets, which will not pull out.

3-inch No. HM 3.....\$0.40  
4 " No. HM 4..... .45  
5 " No. HM 5..... .50  
6 " No. HM 6..... .55  
7 " No. HM 7..... .60  
8 " No. HM 8..... .65

## SQUARE HOES

6-inch, solid shank No. G 06.....\$0.50  
7 " " " No. G 06..... .55  
8 " " " No. G 08..... .60

## LAWN SHOVEL AND EDGER

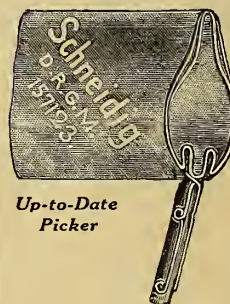
The most perfect tool for cleaning out and edging up the sides of cement walks. This is the only tool of its kind found so far to be practical. It is made of the best steel, is very sharp and can be resharpened readily when dull. Price, 85c. each.

## MEHLER'S COMBINATION TOOL

Hoe, cultivator and soil pulverizer combined. Just the thing for celery culture, \$1.00.  
Mehler's Handy Hoe .....\$1.00  
Mehler's Handy Gardener ..... .75



The Boss Wire Fruit Picker



Up-to-Date Picker



Crider Picker

## FRUIT PICKERS

Boss .....Wt. 2 lbs.....each, \$0.35

Up-to-Date ...Wt. 2 lbs..... " .15

Crider's .....Wt. 2 lbs..... " .15

## POLES FOR FRUIT PICKERS

12 feet long, 1¼ in. diam., 45c.



## ENGLISH GATHERING BASKET

Very convenient for carrying berry boxes, asparagus and other vegetables; made of oak; 12 in. wide, 23 in. long, 4 in. deep. Price, 60c.



## OAK GARDEN BASKETS

No. 2. Stiff Handle. Each Doz.

½ bu..\$0.50 \$5.50

No. 3. Drop Handle. Each Doz.

½ bu..\$0.50 \$5.50

No. 4. Without Handle. Each Doz.

½ bu..\$0.45 \$4.75

1 bu... .75 8.00

## SPLINT OR CHIP BASKETS

With Handle Without Handle

¼ bu.....Per doz., \$0.65 \$0.60

½ bu..... " .70 .65

¾ bu..... " 1.20 1.00

1 bu..... " 1.65 1.50

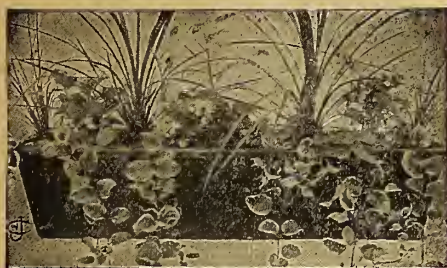
Strawberry Boxes. One qt. size, 15c. doz.; per 100, 75c.; \$5.25 per 1000.



# Michell's Rustic Porch and Lawn Furniture, Etc.

49

All of our Rustic Work is made by thoroughly experienced men. It is carefully finished, leaving no rough places or nails protruding. A settee or chair placed at intervals on paths will be found a great convenience. The Rustic Work we offer is finished in the natural state with the bark on it, and not varnished.



## PORCH AND WINDOW BOXES

**Self-Watering Style** (see cut). These are made of metal, finished bright green; the bottom is equipped with a reservoir which when filled is sufficient to keep the contents of the box watered for two weeks.

No.	Height	Width	Length	Price
1	8 in.	9½	23 in.	\$1.60
3	8 in.	9½	27 in.	1.80
5	8 in.	9½	31 in.	2.00
7	8 in.	9½	35 in.	2.20
9	8 in.	9½	39 in.	2.40

**Wooden Rustic Bark Style.** Attractively made and neatly finished; for indoor or outdoor use.

Length	Depth outside	Width outside	Price
24-inch.....	7½-inch	11-inch	\$1.40
30 ".....	7½ "	11 "	1.75
36 ".....	7½ "	11 "	2.10

Any length made to order, 75c. per running foot, 11 inches wide.

**Plain Wood Style** (Painted Green). We recommend these for use at the temporary summer home in the country or at the seashore, or in cases where one may not feel like spending a larger cost than these entail. They are substantially made and finished and will last many years.

Length	Depth outside	Width outside	Price
24-inch.....	6½-inch	8-inch	\$0.80
30 ".....	6½ "	8 "	1.00
36 ".....	6½ "	8 "	1.20

Any length made to order, 45c. per running foot, 8 inches wide.

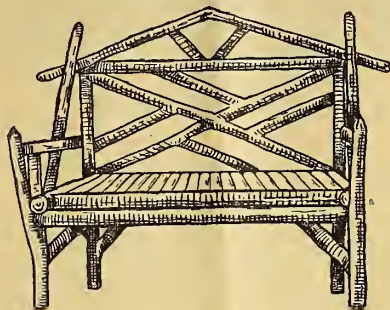
**Rustic Bark** (Natural Cedar). For covering boxes, columns or any other article. Per sq. ft., 10c.; \$2.00 per 25 sq. ft.; 50 sq. ft., \$3.75; 100 sq. ft. and over, 7c. per sq. ft.

## SUN DIAL

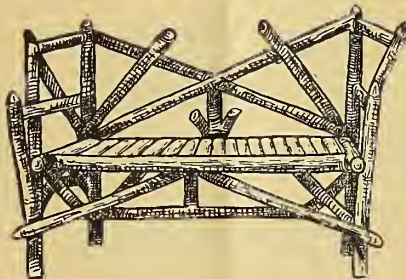


This ancient time teller is a part of every exclusive flower or vegetable garden, and indeed a very interesting one. It is made of cast iron with screw holes, so it may be fastened down to a pedestal or other foundation. The figures are raised, so that they may be easily renovated with paint or otherwise, when weather-beaten. Dial face is 8 ins. in diameter, bottom 10 ins. in diameter, finished in black, gilded figures; without pedestal, \$2.50. P. P. Wt., 6 lbs.

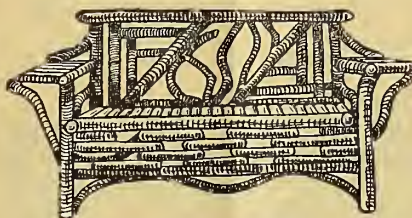
## RUSTIC SETTEES



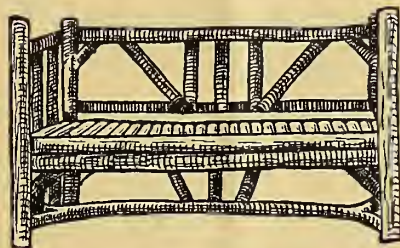
Elwood Style, \$3.50 each.



Florida Style, \$3.50 each.



Klondike Style, \$6.00.



Mission Style, \$6.00.

## COLONIAL GARDEN SEATS

Made of wood and finished in a most exclusive manner. Sample carried on show room floor, stock is made up and furnished on demand, as required, promptly, and finished in any shade or tint. Price, \$1.75 per running foot. Any length desired. 19 ins. wide, with beveled edges.

## RUSTIC HANGING BASKETS

These are made in attractive patterns, oblong design, finished natural oak and very rustic indeed. Will last many years.

8-inch oblong.....	\$1.50 each
10 " ".....	1.75 "
12 " ".....	2.00 "

## RUSTIC CHAIRS, Etc.

These are made in style and finish similar to the settees.

**Klondike Chair.** Price, \$4.50.

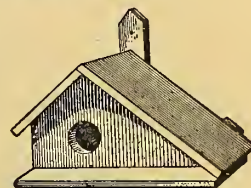
**Elwood " " Price, \$2.75.**

**Mission " " Price, \$4.50.**

**Mission Table.** \$4.00.

## WOODEN WREN BOX

These are very useful as well as ornamental, for putting on trees or fastening on buildings. Painted red and green, very attractive. 35c. each, 3 for \$1.00.



For other Birdhouses, see 3rd cover page.

## LAWN GUARDS

For grass corners, flower beds, etc. **Iron** (see cut) nicely painted green, \$1.00 each; per doz., \$11.00. Not available.

**Wire**, made extra heavy and well galvanized. Price, 20c. each; per doz., \$2.00. Not available.



## LAWN SIGNS

Excellent for putting on grass plots where thoroughfare is not desired.

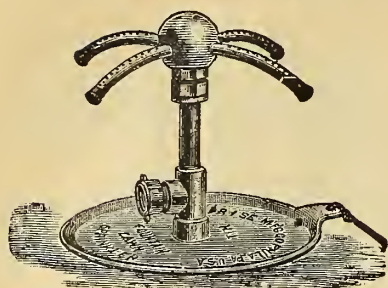
**Iron Style** (shown above), painted gray, trimmed red. 50c. each; per doz., \$5.50.



**Enameled Iron Style.** This pattern is the best for conspicuous places. The name plate is finished with blue and white enamel, is 20 inches long and about 4 inches wide. The rod or stake is substantial iron and the sign will last forever. \$1.25 each; per doz., \$12.50.



# MICHELL'S LAWN AND GARDEN NEEDS

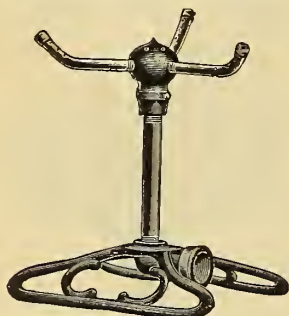


## LAWN SPRINKLERS

	Weight	Price
Enterprise. No. 1. See cut.....	14 lbs.	\$3.75
Enterprise. No. 2. 8 in.....	14 lbs.	3.00
Ring. Large, see cut.....	1 lb.	.75
Ring or Fountain. Small.....	3/4 lb.	.50
Hotchkiss. No. 5. 10 1/2 in. high.....	4 lbs.	1.00
Pluvius. 11 in. high.....	3 1/4 lbs.	1.25

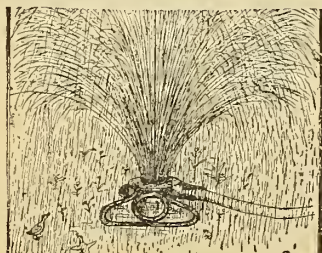


	Weight	Price
Elgin. 3 1/2 in. high.....	3 lbs.	\$0.75
Universal. No. 65. 10 in. high.....	4 1/4 lbs.	1.50
Lawn Twin. Aluminum.....	1/2 lb.	.50
Eureka. No. 55. 10 in. high.....	3 lbs.	1.25
Aetna. 24 in. high.....	6 1/4 lbs.	1.75
Peck. 4 arm. 40 in. high (not mailable)		3.50



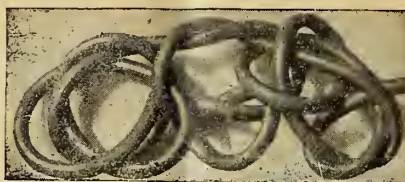
Mayflower Sprinkler

	Weight	Price
Peck. 8 arm. 40 in. high (not mailable)		\$4.00
Mayflower. 9 1/2 in. high.....	3 1/2 lbs.	1.00
Preston. 5 1/2 in. high.....	3 1/2 lbs.	1.25
Waterwitch. 8 3/4 in. high.....	1 lb.	.50
Dayton Rotary.....		6.00
C. B. G. For golf links.....	3/4 lb.	.25
Pennsylvania Rainmaker.....		20.00



The Elgin Sprinkler

Add postage, if Lawn Sprinklers are desired by mail, where weight is given.



## RUBBER HOSE

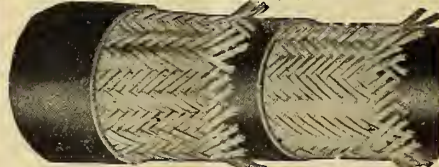
Michell's Rubber Hose is noted for its reliability in every way. We buy from the manufacturer in enormous quantities.

	Wt. per foot	Per foot
Standard, 3/4-inch.....	5 oz.	\$0.12
*Michell's Special, 3/4-inch.....	5 oz.	.15
*Michell's Special, 1/2-inch.....	4 oz.	.12
*Electric, 3/4-inch.....	5 oz.	.18 1/4
*Electric, 5/8-inch.....	5 oz.	.17
*Electric, 1/2-inch.....	4 oz.	.16 1/2
Flexible Metal in 25 and 50 ft. sections, 1/2-inch.....		.16
Flexible Metal in 25 and 50 ft. sections, 3/4-inch.....		.19
*Revero, 3/4-inch.....	5 oz.	.18
*Revero, 5/8-inch.....	5 oz.	.16 1/2
*Revero, 1/2-inch.....	4 oz.	.16
Empire Red (corrugated), 3/4-inch.....	5 oz.	.17
Bull Dog, 3/4-inch, 7-ply.....	6 oz.	.16 1/2
Spray Pump Hose, 3/8-inch.....	3 oz.	.12

P.S.—Brands marked \* come in reels of 500 feet and sections in any length to that number of feet may be had.

25 and 50-foot sections of hose coupled free. Smaller sections coupled at the rate of 15c. per pair for couplings.

Hose Washers. For inside and outside of couplings. 8c. doz.; 1/4 lb., 30c.



Showing the interior of Michell's Special Hose

## HOSE REELS—WIRT'S (All Iron)

No.	Capacity	Price
10.....	100 ft.	\$2.75
20.....	150 ft.	3.25
30.....	400 ft.	5.00

## VICTOR HOSE REEL

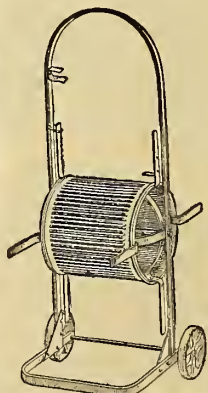
With galvanized drum.

Capacity, 100 ft. 3/4-in. hose.

Price (see cut) \$1.75

## HANOVER HOSE REEL

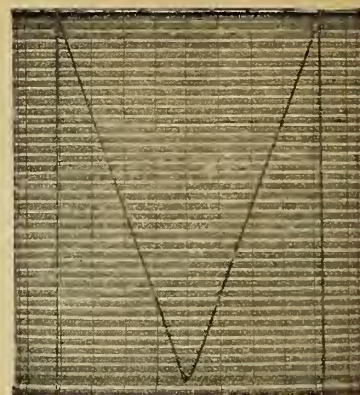
Capacity, 100 ft., \$3.25.



## NOZZLE HOLDERS

For sticking in the ground while one continues with other work. Made of galvanized heavy wire.

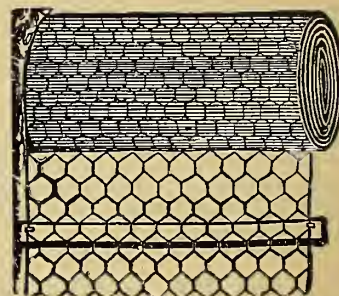
Price, 15c.



## BAMBOO GREENHOUSE SHADES (Painted Green)

These are much more satisfactory than either the glass shading process or shading cloth. The shades last for years, being substantially made. They add materially to the appearance of the greenhouse. Each shade is equipped with pulley and rope. The shades are placed on the outside of the greenhouse, fastened at the top, so they can be rolled up or let down at will.

	Each
6 feet wide, 8 feet long.....	\$3.00
8 " " 8 " ".....	3.50
10 " " 8 " ".....	4.00
10 " " 10 " ".....	4.50



## GALVANIZED WIRE NETTING

2-inch Mesh, No. 19 Wire  
150 Running feet per Bale

High	Price	High	Price
12 in.....	\$1.25	42 in.....	\$4.00
18 in.....	1.95	48 in.....	4.75
24 in.....	2.40	60 in.....	5.50
30 in.....	2.90	72 in.....	6.75
36 in.....	3.60		

## 1-inch Mesh, No. 20 Wire

High	Price	High	Price
12 in.....	\$2.50	42 in.....	\$8.00
18 in.....	3.50	48 in.....	9.00
24 in.....	4.90	60 in.....	11.00
30 in.....	6.00	72 in.....	13.25
36 in.....	7.00		

## PITTSBURG PERFECT FENCING

The most substantial fencing. The joints being welded by electricity, make it exceedingly attractive. It is thoroughly galvanized, extra well made and is the up-to-date fencing for gardens, fields, poultry yards, etc. Price for regular style, with top and bottom strands of No. 11 wire; centre of No. 14 wire, in bale lots only, of 165 running feet.

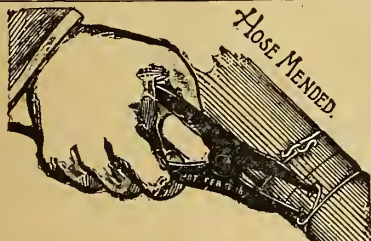
Per Bale	Per Bale
24 in. high....\$4.25	52 in. high....\$6.25
36 in. high.... 5.25	58 in. high.... 6.60
46 in. high.... 5.75	

3/4 in. Galv. Staples, for fastening poultry netting, etc., 10c. lb.; 10 lbs., 85c.



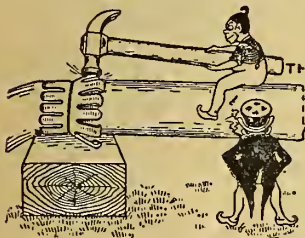
**HOSE MENDERS**

	Each	Doz.
Cooper's— $\frac{3}{4}$ -in. and $\frac{5}{8}$ -in. ea.	\$0.10	\$1.00
"— $\frac{1}{2}$ -inch .....	.10	1.00
Jones'— $\frac{3}{4}$ -inch (iron) .....	.05	.50
Hudson's— $\frac{3}{4}$ -inch (brass) ..	.04	.42
"— $\frac{1}{2}$ " .....	.04	.42
Republic— $\frac{3}{4}$ -inch (new), 15c. pair.		

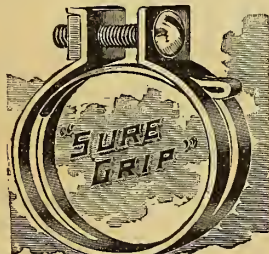
**HOSE MENDING OUTFIT**(For  $\frac{3}{4}$ -inch Hose)

Furnishes a complete outfit, consisting of 6 menders or connections, 18 bands or fasteners, and a pair of pliers for fastening bands.

Price: Each, 65c.; weight, 1 lb.

**THE PERFECT HOSE MENDER**

Made entirely of brass, with swivel motion—no band required. For  $\frac{3}{4}$ -inch hose, 10c. each; doz., \$1.00.

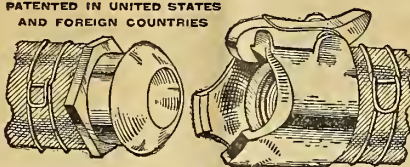
Caldwell Band  
as applied to Hose**HOSE BANDS**

For fastening couplings and menders in hose.

No.	CALDWELL'S	Doz.	100
8—For 3-ply hose .....	\$0.18	\$1.00	
6—For 4-ply hose .....	.18	1.00	

See illustration in Hudson's Hose Mender Outfit cut above.

$\frac{3}{4}$ -inch .....	\$0.18	\$1.00
1-inch .....	.20	1.25

**SURE GRIP** $\frac{3}{4}$ -inch, 5c. each; per doz., 50c.PATENTED IN UNITED STATES  
AND FOREIGN COUNTRIES**SNAP HOSE COUPLING**

Snap Couplings are entirely new and novel. They couple hose instantly, work on a spring, and are water-tight. 30c. pair; doz. pairs, \$3.25. (Washers, 20c. doz.)

**SNAP COUPLING PARTS**

No. 2—Male (see left hand illustration above). 12c. each; per doz., \$1.25.

No. 1—Female (see right hand illustration above). 25c. each; per doz., \$2.75.

**BRASS HOSE COUPLINGS**

	Per Pair	Per Doz. Pairs
$\frac{1}{2}$ inch and $\frac{3}{4}$ inch .....	\$0.15	\$1.60
1 " .....	.35	4.00

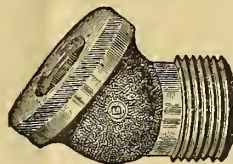
**HOSE REDUCERS**

For reducing 1-in. pipe to fit regular  $\frac{3}{4}$ -in. hose. All brass. Each ..... 30c.

**HYDRANT ATTACHMENT**

To be used for attaching hose to smooth faucets.

Royle Style (see cut), 35c.  
Boyd Style, 25c.

**PLAIN STREAM NOZZLES**For  $\frac{3}{4}$ -inch hose, each..... 30c., 35c., 40c.**BOSTON SPRAY NOZZLE**

These render the same service as does the rose of a watering can. They are screwed on the end of the hose like any other nozzle. Coarse and fine,  $\frac{3}{4}$ -inch.

Light Copper .....	\$0.60
Heavy Brass .....	1.00

**BOSS HOSE NOZZLES**

For  $\frac{3}{4}$ -inch hose.  
Price, 50c. each.

**GEM HOSE NOZZLE**

$\frac{3}{4}$ -inch hose. Can be regulated to give three different streams. Price, 40c.

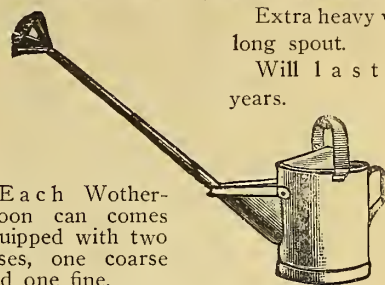
**PLIERS FOR HOSE BANDS**

Caldwell ..... 25c. | Hudson ..... 25c.

**WATER CANS (Wotherspoon's)**

Extra heavy with long spout.

Will last for years.



Each Wotherspoon can comes equipped with two roses, one coarse and one fine.

	2 quart (equipped with one rose only).....	Round \$1.15	Oval \$1.60
4 " .....		1.60	
6 " .....		1.85	\$2.10
8 " .....		2.00	2.35
10 " .....		2.25	2.60
12 " .....		2.60	2.85
16 " .....		3.15	3.50
12 qt. Manure Watering Can.....		\$2.75	
4 qt. Fern or Low Watering Can..		1.50	

**EXTRA ROSES OR SPRAYS**

For Wotherspoon Watering Can, either coarse or fine, 35c. each.

**GALVANIZED WATER CANS**

Fine for cemetery purposes and other places where a can is desired to last several seasons.

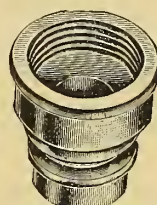
4 quart.....	\$0.45	12 quart.....	\$0.90
6 " .....	.60	16 " .....	1.40
8 " .....	.70		
10 " .....	.80		

**LIGHT TIN WATER CANS**

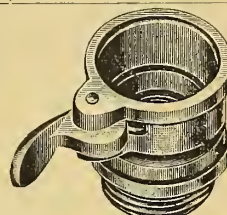
1 quart, painted green.....	Each, \$0.25
2 " " " .....	.30
4 " " " .....	.35

**ENGLISH WATERING CANS**

No. 2, 4 qt....	\$2.00	No. 3, 6 qt....	\$2.25
No. 4, 8 qt....	2.50	No. 5, 10 qt....	2.75



No. 3



No. 4

**ACME HOSE COUPLINGS**

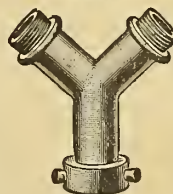
For quickly connecting and detaching hose. No. 3 part, for attaching to spigot. 15c. each; doz., \$1.50.

No. 4 part, for attaching to hose.

No. 4 parts, 25c. each; doz., \$2.50. Couplings complete, consisting of one No. 3 and one No. 4 part, 35c. each; per doz., \$3.75.

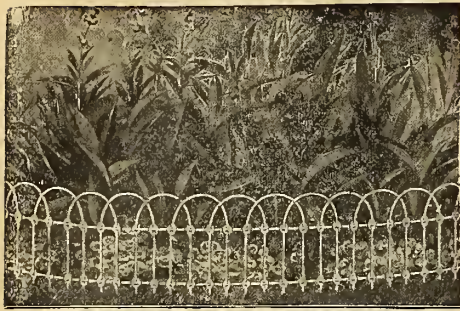
**BINKS HOSE NOZZLE**

Made of aluminum, with a brass face. With a fine and a coarse spray, permits watering without wetting the hands. \$2.50 each.

**SIAMESE HOSE CONNECTION**

This permits one lead of hose to be diverted in two directions. Additional three-way connections can be used according to the water pressure. It is specially adapted for lawn sprinkling. Price, 75c. each.





### FLOWER BED FENCING

For putting around beds, lawns, etc. Any length desired up to 150 running ft.  
 16 in. Less than 150 ft. roll, 13c. per ft.  
 16 in. In roll lots, 150 ft., 11c. ft.  
 22 in. Less than 150 ft. roll, 15c. per ft.  
 22 in. In roll lots, 150 ft., 13c. ft.

### CONTINUOUS WIRE TRELLIS

Excellent for training vines of all kinds up porches, verandas, pergolas, etc. Thoroughly galvanized and well made.

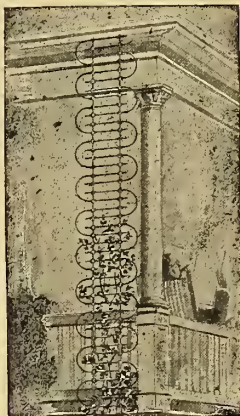
Any length desired up to 150 running feet.

13 in. wide, less than 150 ft. rolls, 13c. per ft.

13 in. wide, in roll lots, 150 ft., 11c. per ft.

19 in. wide, less than 150 ft. rolls, 15c. per ft.

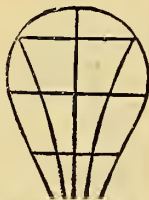
19 in. wide, in roll lots, 150 ft., 13c. per ft.



Continuous Trellis

### WIRE TRELLIS

12 inch high	.....\$0.20
18 inch high	..... .30
24 inch high	..... .40
30 inch high	..... .65
36 inch high	..... .75
42 inch \$1.10	60 inch. 1.75
48 inch. 1.30	72 inch. 2.25



**VINE OR WALL NAILS**  
 For fastening climbing vines, equipped with a soft metal clasp which holds the vine against the wall.

1-in., doz. 15c., per 100 \$1.00; 1½-in., doz. 20c., per 100 \$1.25; 2-in., doz. 25c., per 100 \$1.50.

### FAN TRELLIS

Made of wood, painted green.

18 inch.....\$0.15	36 inch.....\$0.50
24 inch..... .20	42 inch..... .60
30 inch..... .25	48 inch..... .70



### WIRE TRELLIS (Made to Order)

We are able to have made, at short notice, special sizes of wire trellis, any length and any width, at 25c. per sq. ft.



### WIRE TREE GUARD

Carefully galvanized, 9 in. diam., \$1.00 each, doz., \$11.00; 12 in. diam., \$1.25 each, doz., \$13.00.

### GALVANIZED WIRE ARCHES

These can be furnished on short notice any height or any width. Made of heavy diamond mesh wire with strong frames. 25c. per sq. foot. Special heavy wire work arches can be supplied at lowest prices.



### VERANDA TRELLIS

Made of wood and painted green.

2 feet .....\$0.35	6 feet, heavy..\$1.00
3 feet ..... .45	8 feet, heavy.. 1.35
4 feet ..... .60	10 feet, heavy.. 1.60
5 feet, heavy.. .85	12 feet, heavy.. 2.00

Larger sizes to order



### IVY TRELLIS

Made of wood, painted green.

16 inch diam., 45c.
20 inch diam., 60c.
24 inch diam., 75c.

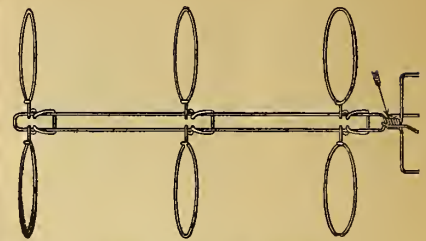


### No. 4 IRON TREE GUARD

12 in. diam., 6 feet high. Price, \$2.50 each; per doz. \$27.50

### OFFICIAL PHILADELPHIA TREE GUARD

Of round iron, 6 ft. high, 14 inches diameter, \$4.00 each.



Muller Carnation Support

### MÜLLER'S DOUBLE SUPPORT

One of the best on the market, easily put together. After the rings are detached it folds flat, thereby requiring very little storage room when putting away.

Per doz., 75c.; \$4.50 per 100; per 1000, \$42.00.

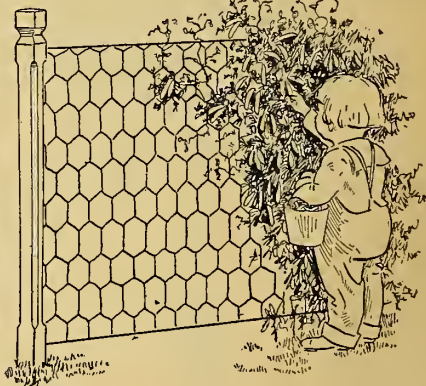
### RICHMOND CARNATION SUPPORT

This is now the most popular support that there is, it can be put together in a minute, and is always satisfactory.

No. 11. 29 in., 3 ring	Doz. 100	1000
double	.....\$0.75	\$5.00 \$45.00
No. 11. 29 in., 3 ring		
single	..... .60	3.75 35.00

### "MODEL" CARNATION SUPPORT

	Per Doz.	100	1000
2 Ring	.....\$0.60	\$3.75	\$35.00
3 Ring	..... .75	4.00	37.50



### WIRE PEA TRELLIS

This does away with brush, twine, etc., and avoids the necessity of peas lying on the ground and wasting; made of best wire and painted wood. It is 48 inches high and in 10 foot sections, with 3 suitable 5½ foot stakes for fastening in the ground; can be put away and used year after year. \$1.00 per section; 10 sections for \$8.50.



Model Tomato Support

### TOMATO OR PAEONY SUPPORT

These pay for themselves the first season. They insure more flowers and better fruit.

**Model (Wire).** Each, 25c.; doz., \$2.50; \$17.50 per 100.

**Muller (Wire).** Each, 30c.; doz., \$3.25; \$23.50 per 100.

**Perfection (Wood).** Each, 25c.; doz., \$2.75; \$22.00 per 100.



## GLAZING POINTS

**Peerless.** Made of zinc with tinned finish, can be used on right or left hand side of sash bar. Three sizes.

No. 1 for single thick glass.

No. 2 for single thick glass.

No. 2½ for double thick glass.

Price, 60c. per 1000. By mail, 10c. per 1000 extra.

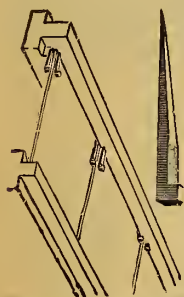
Nos. 1 and 2 **Michell's Glazing Points.** Quite like the Peerless style. No. 2 and 2½, 55c. per 1000. (By mail, 65c.)

**Pincers.** For driving Michell's and Peerless Points, 50c. By mail, 55c.

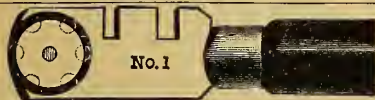
**Siebert Style.** Made with a prominent head; cannot rust; easily driven. 5-8, 6-8 and 7-8 inches long. **Zinc**, 55c. per lb.; 5 lbs., \$2.60.

1000 to 1200 in a lb. **Brass**, 60c. lb.; 5 lbs., \$2.75.

**Zinc Glazing Nails.** 50c. per lb.; 5 lbs., \$2.40.



Siebert's Glazing Point



6-Wheel Glass Cutter

## GLASS CUTTERS

**Single Wheel**, steel, each.....\$0.15  
**6-Wheel**, steel, each..... .35  
**Diamond** (ebony handle)..... 3.00  
 " (cocoa handle)..... 4.00



Mastica Machine

Putty Distributor

## PUTTY DISTRIBUTOR

For distributing putty, mastica, etc.  
 Price, \$1.25. Parcel Post Weight, 1 lb.

## MASTICA

One gallon will cover about 300 running feet.

P. P. Wt.  
 ½ gallon ..... 8 lbs. \$0.85  
 1 " ..... 15 lbs. 1.50

## MASTICA MACHINE

For distributing mastica, etc. Made of heavy zinc. Price, \$1.50. P. P. Wt., 2 lbs.

## PERMANITE GLAZING CEMENT

25 lb.....\$3.25 | 150 lb.....\$16.00



TO Mend CRACKED GLASS IMMEDIATELY AND PERMANENTLY

## GLASS CLAMPS

For supporting broken lights of glass.  
 Per box of 100, \$1.10. P. P. Wt., 1¼ lbs.

## TWEMLOW'S PUTTY

Superior to putty, more easily applied and lasting. Can be put on with a putty bulb or mastica machine.

16-lb. can (1 gal.). P. P. Wt., 18 lbs..\$1.75  
 50 lbs. (3 gals.)..... 5.00  
 80 lbs. (5 gals.)..... 8.50  
 160 lbs. (10 gals.).....16.50

## HAMMOND'S GREENHOUSE WHITE

A superior white paint. 1 gal., \$2.25

## PAINTED POT LABELS



	P. P. Wt.	Per 100	100	500	1000
4 inch	½ lb.	\$0.12	\$0.50	\$0.85	
4½ "	½ lb.	.15	.60	1.00	
5 "	½ lb.	.20	.70	1.25	
6 "	¾ lb.	.25	.85	1.50	
8 "	1 lb.	.40	1.85	3.50	
10 "	2½ lb.	.50	2.40	4.50	
12 "	3 lb.	.75	3.25	6.00	
18 "	for field use..	3.25	30.00		

## WOOD TREE LABELS, Etc.

P. P. Weight on Tree Labels, ½ lb. per 100.

	Per 100	Per 1000
Iron Wired. Plain	\$0.15	\$1.00
" " Painted	.20	1.25
Copper Wired. Plain	.20	1.25
" " Painted	.25	1.50
Copper Sheet, wired.	20c doz.; 100, \$1.25	
Zinc Sheet, wired.	20c. doz.; 100, \$1.25	
Indelible Marking Pencils.....each, 5c.		

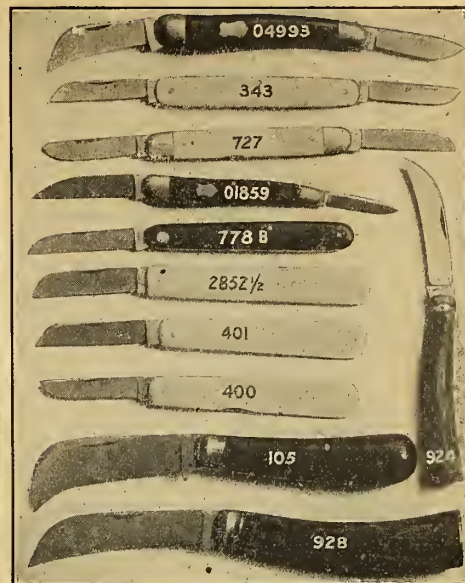
## GARDEN MARKERS

For labeling perennials, garden rows, beds or individual plants.

Made of heavy metal, enameled black. The card is covered with a celluloid face, which protects it from the elements of the weather. The angle of this label is so as to make it easily read. The holder has a large capacity for cards.



	Each	Doz.	100
No. 5—8 inches high...	\$0.15	\$1.50	\$12.00
No. 5A—18 inches high	.20	2.00	15.00
No. 5B—24 inches high	.25	2.50	18.00



## HORTICULTURAL KNIVES

A good knife is an essential to every gardener and florist. Our stock consists of such styles that are practical and in demand. They are all of the best steel, every one is guaranteed to be perfect and give good satisfaction. (See key to illustrations in above column.)

No. Blades	Style Handle	Each
343	2 Saynor, brass lined, ivory..	\$2.00
727W	2 German, brass lined, white.	1.00
04993	2 German, steel lined, ebony..	1.00
400	1 Saynor, not lined, ivory....	1.75
401	1 Saynor, not lined, ivory....	1.75
2852½	1 German, not lined, bone....	1.00
928	1 English, steel lined, stag....	1.50
924	1 English, steel lined, stag....	1.15
778B	1 German, brass lined, ebony.	.75
105	1 Heavy German, steel lined, cocoa .....	.75
303	2 Saynor Pruning, stag.....	1.50
01859	2 Budding and Pruning.....	.85



## EXTENSION LADDERS

These are made in the best manner possible, complete with rope and pulleys.

16 ft.....\$4.80	26 ft.....\$7.80
18 ft..... 5.40	28 ft..... 8.40
20 ft..... 6.00	30 ft..... 9.00
22 ft..... 6.60	32 ft..... 9.60
24 ft..... 7.20	34 ft.....10.20
36 to 44 ft. size at 28c. per foot.	

## SINGLE PLANK LADDERS

Made of good hard wood, free from faulty knots; with perfect rounds.

10 ft.....\$2.50	16 ft.....\$4.00
12 ft..... 3.00	18 ft..... 4.50
14 ft..... 3.50	20 ft..... 5.00
Larger sizes up to 24 ft. at 25c. ft.	



# PLANT STAKES, WIRE, ETC.

## GREEN TAPERING STAKES

Parcel Post Weight Per Doz.	Each	Doz.	100
1½ feet..... ½ lb.	\$0.02	\$0.19	\$1.10
2 "..... ½ lb.	.03	.31	1.90
2½ "..... 1 lb.	.05	.44	2.65
3 "..... 1½ lbs.	.06	.56	3.50
3½ "..... 1½ lbs.	.07	.70	4.40
4 "..... 2 lbs.	.08	.83	5.30
5 "..... 2 lbs.	.09	.97	6.15

## ROSE OR DAHLIA STAKES

Round tapering style; painted green.

Parcel Post Weight Per Doz.	Each	Doz.	100
3 feet..... 2½ lbs.	\$0.08	\$0.83	\$5.35
3½ "..... 4 lbs.	.10	.97	6.25
4 "..... 5 lbs.	.11	1.21	7.15
5 "..... 5 lbs.	.13	1.37	8.97
6 "..... 5 lbs.	.10	1.79	10.80

## SQUARE PLANT STAKES

These are painted green and nicely tapered and finished.

Parcel Post Weight Per Doz.	Each	Doz.	100
1½ feet..... ½ lb.	\$0.02	\$0.14	\$1.00
2 "..... ½ lb.	.02	.22	1.58
2½ "..... 1 lb.	.03	.31	2.25
3 "..... 2 lbs.	.05	.50	3.60
3½ "..... 2½ lbs.	.06	.59	4.28
4 "..... 4 lbs.	.07	.69	4.95
5 "..... 4 lbs.	.09	.94	6.75
6 "..... 4 lbs.	.12	1.19	8.55

## WOOD DOWEL STAKES

Length	Diam.	Parcel Post Wt. per doz.	Doz.	100	1000
24 in. .... ¾ in.	1 lb.	\$0.12	\$0.70	\$5.25	
24 "..... ¾ in.	½ lb.	.12	.70	5.25	
36 "..... ¾ in.	¾ lb.	.15	.85	6.50	
36 "..... ¾ in.	¾ lb.	.15	.85	6.50	
36 "..... ¾ in.	1 lb.	.15	.85	6.50	
36 "..... ¾ in.	1¼ lbs.	.15	.85	6.50	
36 "..... ¾ in.	3 lbs.	.20	1.25	9.00	
42 "..... ¾ in.	½ lb.	.20	.95	7.50	
42 "..... ¾ in.	1 lb.	.20	.95	7.50	
42 "..... ¾ in.	1½ lbs.	.20	.95	7.50	
42 "..... ¾ in.	1½ lbs.	.20	.95	7.50	
42 "..... ¾ in.	4 lbs.	.25	1.35	11.00	

The above are plain stakes, if wanted dyed green add 5c. per doz.; 25c. per 100; per 1000, \$2.00 to the above prices.

## CANE STAKES (Natural)

	Doz.	100	250	1000
Southern, 8 to 9 ft.	\$0.25	\$1.00	\$2.25	\$8.00
Japanese, 5 to 6 ft.	.25	1.00	2.25	9.00

## JAPANESE GREEN CANE STAKES

	Doz.	100	500	1000
1½ feet.....	\$0.12	\$0.60	\$2.25	\$3.75
2 ".....	.15	.75	2.50	4.50
2½ ".....	.20	.85	2.75	5.00
3 ".....	.25	1.00	3.25	6.00
4 ".....	.30	1.20	4.50	8.00

## BAMBOO POLES

18 ft., very strong; used extensively for brushing worm casts off Putting Greens. Each, 25c.; doz., \$2.50; \$15.00 per 100.

## HYACINTH STAKES

Used for staking hyacinths, tulips and slender plants; dyed green.

Parcel Post Weight per 100	Doz.	100	1000
5 in. .... 1½ lbs.			
12 "..... 2 lbs.	\$0.05	\$0.25	\$1.50
18 "..... 2 lbs.	.08	.40	2.00
18 " heavy 7-32 in. diam.	3 lbs.	.10	.50 3.25

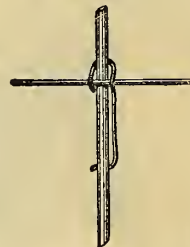
## GALVANIZED WIRE STAKES

### No. 10 Wire, light

Parcel Post Weight doz.	Doz.	100	1000
2 feet..... 1½ lbs.	\$0.12	\$1.05	\$9.25
2½ "..... 1½ lbs.	.15	1.20	9.70
3 "..... 2 lbs.	.18	1.35	11.40
3½ "..... 2½ lbs.	.22	1.60	12.85
4 "..... 2½ lbs.	.25	1.80	14.55
4½ "..... 3 lbs.	.30	1.90	16.30
5 "..... 3 lbs.	.35	2.10	17.05
6 "..... 3 lbs.	.40	2.40	18.90

### No. 8 Wire, heavy

Parcel Post Weight doz.	Doz.	100	1000
2 feet..... 2 lbs.	\$0.20	\$1.25	\$11.70
2½ "..... 2½ lbs.	.25	1.50	13.20
3 "..... 2½ lbs.	.30	1.70	15.00
3½ "..... 3 lbs.	.35	2.00	18.00
4 "..... 3½ lbs.	.40	2.25	20.40
4½ "..... 4 lbs.	.45	2.45	22.80
5 "..... 4 lbs.	.50	2.75	25.20
6 "..... 4 lbs.	.55	3.20	30.00

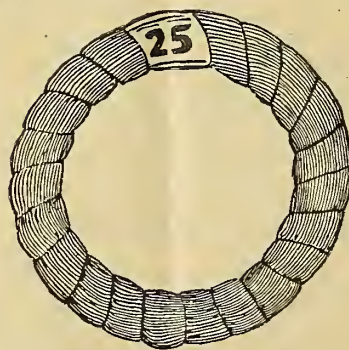


Everlasting Stake Fastener Blake Lock Clip

## STAKE FASTENERS

These take the place of string entirely, lasting several seasons, used for fastening cross wires to galvanized stakes.

	Parcel Post Weight per 100	500	1000
Blakes..... 2 ozs.	\$0.85	\$1.60	
Everlasting..... ½ lb.	1.75	3.25	
Eureka..... ¼ lb.	1.00	1.90	



## WIRE IN STONES

Allow for postage if wanted by mail.

	Lb.	12 lb. Stone
No. 16, Galvanized.....	\$0.12	\$1.10
No. 18, ".....	.15	1.25
No. 19, ".....	.16	1.35
No. 20, ".....	.17	1.50
No. 22, ".....	.18	1.65
No. 24, ".....	.19	1.75
No. 16, Annealed.....	.08	.70
No. 18, ".....	.09	.80
No. 20, ".....	.10	.85
No. 22, ".....	.11	.90
No. 24, ".....	.12	1.10

## TINNED WIRE

No. 19, used for bunching celery, etc. In 10-lb. boxes, cut 8½ inches, 15c. per lb.; per box, \$1.40.

## CUT BOUQUET WIRE

For Stemming Flowers

Cut 9, 12 or 18 inches in length.

No. 20, 14c. per lb.; per box, 12 lbs., \$1.40  
No. 22, 16c. per lb.; per box, 12 lbs., 1.54  
No. 24, 17c. per lb.; per box, 12 lbs., 1.65



## RAFFIA

For tying, basket making and fancy work, very long and fibrous.

Natural Color. Price, 20c. per lb.; 5 lbs. for 90c.

Colored. In all shades. Send for samples of color. 25c. per ¼ lb.; 1 lb., 85c. Allow for postage if Raffia is wanted by Parcel Post.

## RAFFIATAPE

This article is made of a composition of paper and linen and is tremendously strong, it is about ¼ inch wide and is put up in 250 yard bolts or hanks. This is also desirable for tying bouquets, flower boxes or for any other purpose where attractive tying material is desired. Color, Nile green. Parcel Post Weight, per bolt, ½ lb.

Per bolt of 250 yards, 75c.; 6 bolts, \$4.25; 12 bolts, \$8.00.



## TWINES, ETC.

	Ball	lb.
No. 12, Light Italian Twine.....	\$0.22	\$0.40
No. 18, Medium Italian Twine.....	.22	.40
No. 24, Heavy Italian Twine.....	.22	.40
No. 36, Heavy Italian Twine.....	.22	.40
2 ply, 3 ply and 5 ply jute.....	.12	.24
Linen Bouquet.....	.10	.60
Boston Linen, 2 and 3 ply.....	.20	.35
Green Sea Island.....	.10	.45
Special Thin White Cotton.....	.08	.30
2 ply Texas White Cotton.....	.10	.35
Tarred, for Mat Making.....	.20	
Tarred Sisal for Fodder.....		.12
Binder (5-lb. ball).....	.75	
Express, very heavy.....	.25	

Green Silkline. For stringing Smilax and Asparagus, etc. F, fine; FF, medium; FFF, coarse.

Price, per spool, 25c.

Price, per lb. (8 spools).....\$1.50

Green Linen (substitute for Silkline), very similar to the above, fast color.

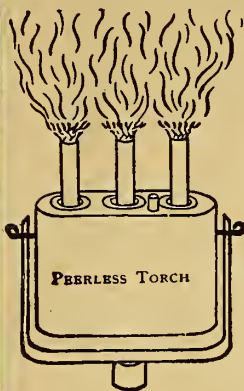
Price, 20c. per ball; 85c. per lb.



# Apparatus for Applying Insect Destroying Preparations



Asbestos Torch



## OIL TORCHES

For burning out worms, caterpillars and nests that infest trees.

P. P. Weight

Peerless .....	1 lb.	\$0.50
Reservoir .....	½ lb.	.35
Asbestos .....	1 lb.	.40

Reservoir Torch

## THE AUTO SPRAY

Now used by all the large fruit growers. It operates with compressed air; safe and efficient; liquid capacity, 4 gallons; pressure capacity, 40 lbs.

No. 1-A Brass equipped with hose and regular nozzle, \$7.25

No. 1-B Brass equipped with hose and Auto-Pop Attachment, \$7.75

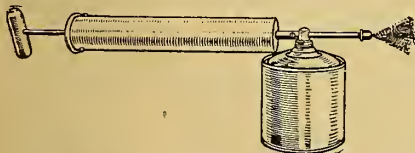
No. 1-C Galvanized Iron equipped with hose and regular nozzle, \$5.00

No. 1-D Galvanized Iron equipped with hose and Auto-Pop, \$5.50

## EXTENSION PIPES, Etc.

For reaching into trees ¾ in. threads.

Bamboo, with brass tube 8 ft.....	\$2.50
Bamboo, with brass tube 10 ft.....	3.00
Galv. Iron, 2 ft.....	.30
Brass, 2 ft.....	.45
Pet Cock, for extension pipes.....	.50
Strainers (Copper) .....	1.00



## AUTOMATIC COMPRESSED AIR SPRAYER

This is the best hand sprayer ever sold, very easily operated, especially desirable for ladies' use.

Tin.....each, \$1.00 | Brass....each, \$2.00

## CYCLONE HAND SPRAYER

Tin, small.....\$0.25 | Brass....each, \$1.00  
" large......50

## PARIS GREEN SHAKERS

**Tin.** For dusting vegetables, potatoes, small fruits and shrubbery. 50c. each. P. P. Wt., 2 lbs.

**Farmer's Favorite.** (See cut). Large double-action affair. \$1.25 each.



## DICKEY DUSTER

Excellent for distributing Bug Death, Slug Shot, etc. 25c. each. P. P. Wt., 1 lb.  
"Acre an Hour" Sifter, 75c. P. P. Wt., 2 lbs.

## CHAMPION GUN

This machine will distribute dry insecticides, covering one or two rows at one time. Will save its price in material used in one season.

Price, \$8.50

P. P. Wt., 8 lbs.



THE BROWNIE DUSTER

## BROWNIE GUN

This machine is especially intended for distributing Paris Green, London Purple, etc. Price, \$4.00. P. P. Wt., 8 lbs.



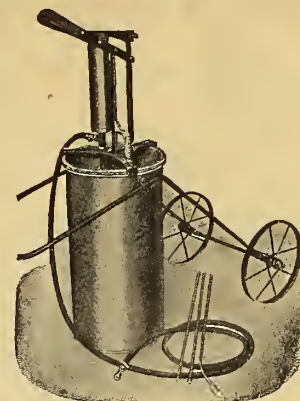
## WOODASON HAND BELLOWS

	P. P. Weight	
Large double cone, each.....	(5 lbs.)	\$3.50
Large single cone, each.....	(3 lbs.)	2.75
Small single cone, each.....	(2 lbs.)	1.35
Liquid spraying, small.....	(3 lbs.)	1.75
Liquid spraying, large.....	(4 lbs.)	2.75
Sulphur Bellows, each.....		1.75

## WHIRLWIND POWDER GUNS



Very useful in the dwelling or for other places. Distributes dry powder very satisfactorily. Price, 20c.



## PARAGON SPRAYERS

No. 0.	5-ft. hose, extension pipes, nozzles, 3-gal. reservoir...	\$9.00
No. 1.	5-ft. hose, extension pipes, nozzles, 5-gal. reservoir...	11.50
No. 3.	10-ft. hose, extension pipes, nozzles, 12-gal. tank on truck	17.00
No. 4.	20-ft. hose, extension pipes, nozzles, 25-gal. reservoir on truck	25.00



## BUCKET PUMPS

Made entirely of brass except the foot rest, bucket fastener and hand grip. For years we have sold them with entire satisfaction. The prices below do not include bucket, but include nozzle and 3½ feet of ¾ in. hose.

Success (see cut).....	\$4.10
Perfect Success, with bucket fastener	5.00
Myers .....	3.00



## BRASS SYRINGES

Made of heavy sheet brass which will last many years with a little care.

No.	Diam.	Length	Price
99H	1½"	18"	Spray rose only.....\$2.50
101A	1¼"	14"	" " and stream 2.00
101C	1½"	16"	" " " 3.25
104	1¾"	18"	2 " " " 5.50
107	1¾"	20"	(Adjustable) ..... 5.00
Lewis			(Sheet brass) capacity 1 qt... 1.75

## SIMPLEX BARREL PUMPS

(Deming, No. 550)

Plain, no hose or nozzle.....	\$7.50
With 12½ ft. ½-in. hose and nozzle.....	10.65
With two 12½-ft. leads of hose, two nozzles .....	13.80

Deming Century

Plain pump, no barrel or hose.....	\$10.50
Price, complete with 12½-foot hose and nozzle, no barrel.....	13.65
Price, with two 12½-foot leads, hose and nozzles, no barrel.....	16.80
Barrels, with trunnions ready to mount on truck, with cut head. \$3.50.	



# MICHELL'S HIGH GRADE FERTILIZERS

All Prices on  
Fertilizers Subject  
to Market Changes

**Acid Phosphate.** (See Phosphate.)

**Animal Bone and Potash.** An ideal fertilizer for almost any farm or garden crop. Apply at the rate of 400 to 600 lbs. per acre. Per 200-lb. bag, \$3.50; \$15.50 per ½ ton; ton, \$30.00.



**Ashes** (Canadian Hard Wood).

Apply 1000 lbs. per acre. For top dressing lawn and grass fields, it is applied to best advantage either in very early spring or late fall. 5 lbs., 20c.; 35c. per 10 lbs.; 25 lbs., 60c.; \$1.00 per 50 lbs.; 100 lbs., \$1.75; \$3.00 per 200-lb. barrel; 1000 lbs., \$13.50; \$26.00 per ton.

**Ashes** (Domestic Hard Wood). We had opportunity to secure a quantity of these Wood Ashes from a nearby concern, and on account of the savings in transportation we are able to furnish this article at a much reduced rate. It is rich in Potash (a very scarce article just now). Excellent for top-dressing lawns or grass fields, or for mixing with potting soil. Not less than 100 lbs. sold. \$1.25 per 100 lbs.; 500 lbs., \$5.50; \$10.50 per ½ ton; \$18.00 per ton (special price f. o. b. gathering point).

**Asparagus Fertilizer** (Pure Bone and Potash). A mixture that promotes the root and top growth. Apply 600 lbs. per acre. 85c. per 25 lbs.; 50 lbs., \$1.25; \$2.00 per 100 lbs.; 200 lbs., \$3.75; \$32.00 per ton.

**Basic Slag.** (See Phosphate.)

**Blood** (Dried). For indoor culture of flowering plants, like roses, carnations, etc., its chief element being nitrogen. 5 lbs., 30c.; 50c. per 10 lbs.; 25 lbs., \$1.25; \$2.00 per 50 lbs.; 100 lbs., \$3.75; \$6.75 per 200 lbs.

**Blood Flour.** Apply 200 lbs. per acre. Much like dried blood except that it is finer and acts almost instantly. 5 lbs., 40c.; 75c. per 10 lbs.; 25 lbs., \$1.50; \$2.50 per 50 lbs.; 100 lbs., \$4.75; \$9.00 per 200 lbs.

**Bon Arbor.** A concentrated chemical fertilizer similar to Bonora but less expensive; used in liquid form according to directions on the packages. 1 gal., \$2.00; \$7.50 per 5 gals. In powder form, dilutes 1 lb. of powder to 30 gallons of water. ½-lb. can, 30c.; per 1 lb., 50c.; \$1.80 per 5 lbs.; 50 lbs., at 25c. per lb.; 100 lbs., at 20c. per lb.; bbls. (200 to 250 lbs.), 18c. per lb.

**Bone** (Coarse Cracked). ¼ to ½ size. This is particularly used for fruit trees, grape vines, etc.; apply at the rate of from 3 to 5 lbs., at the base of each vine or tree, and work it into the soil. Per 200 lbs., \$6.00; \$27.00 per ½ ton; per ton, \$52.00.

**Bone** (Coarse Ground). Apply 600 to 800 lbs. per acre. Prepared from raw bone, exactly like bone meal except that it is not so fine, or quick in action; is used for the same purposes. 5 lbs., 30c.; 50c. per 10 lbs.; 25 lbs., 85c.; \$1.50 per 50 lbs.; 100 lbs., \$2.75; \$5.25 per 200 lbs.; per ton, \$45.00.

**Bone Flour.** Apply 600 lbs. per acre. Very fine, like dust, effective almost immediately; can be used for indoor or outdoor purposes. 5 lbs., 30c.; 50c. per 10 lbs.; 25 lbs., \$1.00; \$1.50 per 50 lbs.; 100 lbs., \$2.75; \$5.00 per 200 lbs.; ton, \$45.00.

**Bone Flour** (Superfine Grade). Effective immediately; excellent for roses, chrysanthemums, etc., in 100-lb. bags only. Per bag, \$3.00; 2 bags for \$5.50.

**Bone Meal** (Fine Ground). Apply 600 to 800 lbs. per acre. Made from raw bone, without any addition of materials. Extensively used for lawns, greenhouse and in any case where a moderately slow stimulant fertilizer is wanted. 3 lbs., 15c.; 25c. for 5 lbs.; 10 lbs., 40c.; 85c. per 25 lbs.; 50 lbs., \$1.35; \$2.50 per 100 lbs.; 200 lbs., \$4.25; \$37.50 per ton.

**Bone Meal** (Michell's Special Grade). We have been fortunate in locating a source from which we could get an unusual high grade of Bone Meal. By contracting for the entire output, the manufacturer agreed to let us have it. It is unusually rich in nitrogen and phosphoric acid, the two principal plant foods. We recommend this especially for lawns, gardens and greenhouses, or any purpose where a high-class fertilizer counts. Always specify Michell's Special Grade when ordering. 100 lbs., \$2.75; \$4.50 per 200 lbs.; ton, \$42.50.



**Bonora.** Directions for use are on each package. It may be used in either dry or liquid form; excellent for greenhouse and pot plants or vegetable forcing. 25c. per trial pkg. (by mail, 30c.); 50c. per lb.; \$2.50 per 5 lbs. If wanted by mail allow for postage.

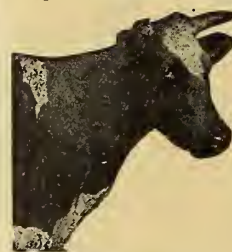
**Chrysanthemum Manure** (Thomson's Special). Especially recommended and used by the leading private gardeners of England and America. Very highly concentrated. Can be used in liquid and in dry form. Per 28-lb. sack, \$4.50; \$7.50 per 56-lb. sack.

**Clay's Fertilizer.** An English chemical fertilizer, for forcing greenhouse plants and vegetables. It can be used in either dry or liquid form. 15c. per lb.; 5 lbs., 60c.; \$1.10 per 10 lbs.; 28 lbs., \$2.00; \$3.50 per 56 lbs.; 112 lbs., \$6.50.

**Climax Lawn Sand.** An unique combination of carefully dried and finely ground chemicals. Destroys weeds in lawns, 3½-lb. can, 40c.; 7-lb. can., 75c.; 14-lb. can, \$1.25; 28-lb. pkg., \$2.00; 56-lb. pkg., \$3.50; 112 lbs., \$6.00; 560 lbs., \$25.00; 1120 lbs., \$45.00.

**Copperas** (Sulphate of Iron). The low cost of this makes it very valuable for field as well as lawn use, it being one of the best articles for the destruction of Canada thistle and other weeds difficult to eradicate. Especially valuable for eradicating dandelion, sorrel, etc. It dilutes 100 lbs. to 52 gallons of water, enough to treat an acre, and is applied with a sprayer. While it destroys weeds it stimulates the grass. 25 lbs., \$1.00; 50 lbs., \$1.75; 100 lbs., \$3.25; 200 lbs., \$6.00.

**Cotton Seed Meal.** Apply 600 lbs. per acre. Exceedingly rich in potash and ammonia, making it excellent for use as a grass and grain fertilizer; for putting greens it is invaluable. 5 lbs., 30c.; 50c. per 10 lbs.; 25 lbs., \$1.00; \$1.75 per 50 lbs.; 100 lbs., \$3.00; \$25.00 per 1000 lbs.; ton, \$48.00.



**Cow or Cattle Manure** (Shredded).

One sack of this is equal to one cart-load of cow manure, is convenient to handle, making it possible for everyone to get this usually scarce article at all times. 5 lbs., 25c.; 40c. for 10 lbs.; 25 lbs., 75c.; \$1.25 per 50 lbs.; \$2.25 per 100 lbs.; 500 lbs., \$10.00; \$16.50 per 1000 lbs.; ton, \$32.00.

**Cow Manure** (Pulverized). A fine top dressing for lawns or gardens or in greenhouses; apply 1000 lbs. per acre.

In 100-lb. bags only, \$2.00; \$9.00 per 500 lbs.; ton, \$30.00.

**Farmo-Germ.** A nitrogen-gathering bacteria to be used when planting or sowing leguminous plants, as clover, peas, beans, etc. Garden size bottles, 25c. and 50c.; acre size bottles, \$2.00; \$6.00 per 5 acre bottle.

**Dried Ground Fish.** Apply 300 to 400 lbs. per acre. For truck and plant forcing this is recommended. Also used to mix with other fertilizers to increase the ammonia analysis. In 200-lb. sacks only, \$6.50; \$60.00 per ton.

**Guano Peruvian Substitute.** Apply 600 lbs. per acre. This has a very high analysis of all necessary plant-food elements and is now extensively used in place of Peruvian Guano, which has become extremely scarce. It is recommended for all farm and vegetable crops. Price quoted upon application.

**Horn Shavings.** Used principally for mixing in potting soil, is rich in ammonia; especially valuable in chrysanthemum growing. 10c. per lb.; 5 lbs., 40c.; \$1.75 per 25 lbs.; 50 lbs., \$2.75; \$5.00 per 100 lbs.

**Horse Manure** (see Manure, page 57).

**Kainit** (Potash Salts). Apply about 800 to 1000 lbs. per acre. Excellent for potatoes, corn and other grains. On account of European complications we were unable to determine prices when this catalog went to press. However, we will fill orders at lowest prevailing rates.

**Land Plaster.** Apply about 1000 to 1500 lbs. per acre. For a top dressing on sour and wornout soils, also for mixing with Paris Green. 5 lbs., 15c.; 35c. per 25 lbs.; 50 lbs., 60c.; \$1.00 per 100 lbs.; 200 lbs., \$1.50; \$10.00 per ton.



## ON PARCEL POST SHIPMENTS

If remittance accompanies order, it should include mailing charges.

COTTONSEED MEAL is an excellent Fertilizer for PUTTING GREENS and LAWNS

(hn)



# MICHELL'S <sup>HIGH</sup> GRADE FERTILIZERS

Prices on all FERTILIZERS  
Subject to Market Changes

57

**Lawn Dressing** (*Michell's Odorless*). Apply 500 to 600 lbs. per acre. A quick stimulant for lawns and grass lands. 5 lbs., 30c.; 50c. per 10 lbs.; 25 lbs., \$1.00; \$1.75 per 50 lbs.; 100 lbs., \$3.00; \$5.00 per 200 lbs.; 1000 lbs., \$21.00; \$40.00 per ton.

**Lawn Sand** (*Climax*). A single application is generally all that is needed. Select a bright sunny day, apply at the rate of 3½ lbs. to 150 square feet (a space 10 x 15). It fertilizes the grass, besides destroying the weeds. 3½ lbs., 40c.; 75c. for 7 lbs.; 14 lbs., \$1.25; \$2.00 for 28 lbs.; 56 lbs., \$3.50; \$6.00 for 112 lbs.

**Lime** (*Hydrated or Powdered*). This is a very fine article for distributing on grass. It promotes growth, gives the grass a rich color and has a tendency to prevent the growth of weeds. Apply one ton per acre on fields or ½ ton on lawns. Per 100-lb. sack, \$1.00; 500 lbs., \$4.50; 1000 lbs., \$7.00; ton, \$12.50. Special price in carload lots and f. o. b. factory.

**Lime** (*Lump or Land*). This is the screenings or forkings from the lime kilns and is extremely valuable for field use. In car lots only; price on application. Apply 2500 to 3500 lbs. per acre.

**Limestone** (*Pulverized*). For applying on sour or wornout soils at the rate of 1 ton per acre. Put up in 100-lb. bags (no smaller quantity sold), \$1.00 per bag; 1000 lbs., \$6.00; \$10.00 per ton. (\$6.25 per ton, f. o. b. factory.)

**Humus** (*Alphano Prepared*). An excellent article to incorporate with poor soil in the garden, greenhouse or in potting plants. When used in garden work, the ground should be covered with from ½ to 2 inches of Humus and spaded in. 5 lbs., 25c.; 25 lbs., 65c.; \$1.00 per 50 lbs.; 100 lbs., \$1.25; \$6.00 per 500 lbs.; 1000 lbs., \$10.00; \$16.50 per ton. Special price, f. o. b. factory and in carload lots.

**Manure** (*Fresh Horse, Stockyard and Cow*). At short notice we can usually supply first-class horse, cow and stockyard manure in carload lots only. Prices quoted on request.

**MAPES' CELEBRATED FERTILIZERS.** No less than 200-lb. sacks of Mapes' fertilizers are sold. F. O. B. Factory F. O. B. Phila.

	200 lbs.	Ton	200 lbs.	Ton
Potato Manure .....	\$4.50	\$42.00	\$5.00	\$45.00
Corn Manure .....	4.00	37.00	4.25	40.00
Complete Manure, for general use.	5.25	49.00	5.50	52.50

**Muriate of Potash.** Apply 100 to 150 lbs. per acre, usually with other fertilizers. This must be used with great care, as it is very powerful. Excellent for potatoes, corn, grains, etc. Analysis, equal to 50% actual potash. Owing to European complications we are unable to state prices, we will fill orders at lowest quotations.

**Nitrate of Soda.** Apply 100 to 150 lbs. per acre, mixing with land plaster or other fertilizers to render application more easy. Use only after plants are above ground. If used in liquid form dilute two ozs. to 1 gal. of water and do not apply oftener than twice a week. 1 lb., 10c.; 40c. per 5 lbs.; 10 lbs., 75c.; \$1.75 per 25 lb. bag; 50 lb. bag, \$3.00; \$5.90 per 100 lbs.; 200 lbs., \$10.50; \$47.50 per ½ ton; ton, \$92.50.

**Mulford's Culture.** For inoculating Clovers and other legumes of all kinds. When ordering, please state for what crop you desire to use it. Garden size (¼ acre), 50c.; 1 acre size, \$1.50; 5 acre size, \$5.00

**Plant Food** (*Michell's*). A highly concentrated chemical fertilizer for house use. 15c. per 6-oz. pkg.; 4 pkgs. by express (not prepaid), 50c. Allow for postage if wanted by mail.

**Plant Food** (*Bowker's*). Similar to the above in character and purpose, entirely odorless. 4-oz. pkgs., 15c.; 12-oz. pkgs., 25c. Allow for postage if wanted by mail.

**Phosphate for Corn** (*H. G. Potash Mixture*). Apply 500 to 600 lbs. per acre. This contains the necessary ingredients to produce a bumper crop of either field or sugar corn. Per 200 lbs., \$3.25; per ½ ton, \$13.00; \$25.00 per ton.

**Phosphate, High-Grade Acid Tennessee or South Carolina Rock.** 14%. Apply 1000 lbs. per acre. Used for mixing with other fertilizers to increase the phosphoric acid analysis. In 200-lb. sacks only, \$2.50; \$19.00 per ton.

**Phosphate, Michell's High-Grade Ammoniated.** For all vegetable crops, grains, grass, etc. Apply 500 to 600 lbs. per acre broadcast. 5 lbs., 20c.; 35c. per 10 lbs.; 25 lbs., 60c.; \$1.10 per 50 lbs.; 100 lbs., \$2.00; \$3.50 per 200 lbs.; ton, \$28.50.

**Phosphate** (*Thomas' Basic Slag*). Used extensively for top dressing lawn, grass and grain lands; contains the proper elements to produce a rich luxuriant growth; apply 600 to 800 lbs. per acre. \$4.00 per 200-lb. bag; per ton, \$32.50.

**Potato Phosphate** (*Michell's Hi-Grade*). Apply 400 to 600 lbs. per acre. The best fertilizer for potatoes, being extremely rich in every ingredient that potatoes thrive on. 25 lbs., 85c.; \$1.25 per 50 lbs.; 100 lbs., \$2.25; \$4.00 per 200 lbs.; ½ ton, \$19.00; ton, \$36.00.

**Potato Manure** (*Baugh's*). Apply at the rate of from 400 to 600 lbs. per acre. 25 lbs., 75c.; \$1.10 per 50 lbs.; per 100 lbs., \$2.00; \$3.50 per 200 lbs.; per ton, \$32.00.

**Poudrette** (*Native Guano*). Apply 1000 lbs. per acre. Extensively used for garden, lawns, in making compost and in fact wherever a good, quick acting fertilizer is wanted. It is odorless and easily handled. Poudrette is absolutely harmless to human beings. Applied as a fertilizer to any garden crop, 5 lbs., 20c.; 35c. per 10 lbs.; 25 lbs., 60c.; \$1.00 per 50 lbs.; 100 lbs., \$1.50; \$2.75 per 200 lbs.; 600 lbs., \$6.00; \$9.50 per 1000 lbs.; per ton, \$18.00.

**Salt.** For agricultural purposes, asparagus beds and putting on walks and roads to kill weeds. Apply 600 to 800 lbs., per acre in early spring. 10 lbs., 20c.; 30c. for 25 lbs.; 50 lbs., 55c.; \$1.00 per 100 lbs.; 200 lbs., \$1.50; \$10.00 per ton.

**Sheep Manure** (*Wizard Brand*). Apply 1000 lbs. per acre. For garden, lawn or greenhouse use, nothing surpasses sheep manure, it is clean and easily handled, besides giving immediate results. 2 lbs., 15c.; 25c. per 5 lbs.; 10 lbs., 40c.; 75c. per 25 lbs.; 50 lbs., \$1.25; \$2.25 per 100 lbs.; 500 lbs., \$10.00; \$16.50 per 1000 lbs.; per ton, \$32.00.



**Soot** (*Imported Scotch*). This is used principally for bringing a good healthy color into the foliage of chrysanthemum and other greenhouse plants. Also destroys insects and grubs that work on and underneath the surface. 10c. lb.; 5 lbs., 35c.; \$1.00 per 25 lbs.; 112 lbs., \$3.75.

**Sulphate of Ammonia.** Apply 75 to 100 lbs. per acre only with other fertilizers deficient in nitrogen. This material will stimulate growth almost immediately. Analysis, equal to 25% of ammonia. 5 lbs. 60c.; \$1.00 for 10 lbs.; 25 lbs., \$1.75; \$5.50 for 100 lbs.

**Sulphate of Potash.** Apply 100 to 125 lbs. per acre, usually with other fertilizers. On account of its own strength it must be used judiciously. Valuable for root and grain crops. Analysis, equal to 50% of actual potash. Owing to European complications, we are unable to state prices; will fill orders at lowest quotations.

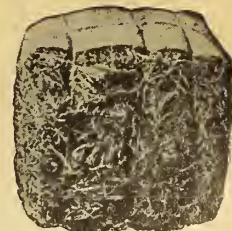
**Tankage.** This is usually applied to plants such as roses, etc., under glass. It is similar to dried blood. 5 lbs., 30c.; 50c. per 10 lbs.; 25 lbs., \$1.00; \$1.50 per 50 lbs.; 100 lbs., \$2.50; \$4.00 per 200 lbs.; ton, \$36.00.

**Thomson's Special Flower, Vegetable and Vine Manure.** Imported from England, this excellent chemical fertilizer is extensively used wherever it is desired to force flowers or vegetables. 15c. lb.; 5 lbs., 60c.; \$1.10 per 10 lbs.; 28 lbs., \$1.75; \$3.25 per 56 lbs.; 112 lbs., \$6.25.

**Tobacco Stems.** For fumigating, mulching and fertilizing these are invaluable. The chief fertilizing element in them is the potash. They make an excellent top dressing for lawns in winter. Lb., 5c.; 20c. per 5 lbs.; per bushel, 50c.; \$1.00 per barrel sack; large bales, \$3.50; \$14.00 per ½-ton ton, \$27.00.

**Wood Ashes.** See Ashes at top of opposite page.

**Wheat Fertilizer.** Recommended especially for all grass and grain crops. Apply 500 to 600 lbs. per acre. 200 lbs., \$3.25; ½ ton, \$14.50; \$28.00 per ton.





# 58 **Michell's Insect and Vermin Destroying Preparations**

**Ant Exterminator (Magic).** A powder that is used for distributing around buildings, on the greenhouse benches, on lawns, gardens, and any other places infested by ants. Per  $\frac{1}{4}$  lb., 20c.; per  $\frac{1}{2}$  lb., 40c.; 75c. per lb.; 5 lbs., \$3.00.

**Ant Exterminator (Conellans).** In liquid form, designed especially for use on lawns, tennis courts and putting greens; positively effectual. Apply with special squirt gun. 1 gal., \$1.25; \$6.00 for 5 gals. *Special Squirt Gun* for applying, \$1.25 each; (by Parcel Post, \$1.35).

**Anti-Pest (Carmen's).** For destroying red spider, scale and green fly. 50c. qt.;  $\frac{1}{2}$  gal., 75c.; \$1.40 per gal.; 5 gals., \$5.75.

**Aphine.** For destroying aphids, green fly, thrip, red spider and other greenhouse and outdoor insects. It dilutes readily in water about 1 part to 40 of the latter.  $\frac{1}{4}$  pt., 25c.; 40c. per  $\frac{1}{2}$  pt.; pt., 65c.; \$1.00 per qt.; per gal., \$2.50.

**Aphis Punk.** A paper that has been thoroughly saturated with nicotine. Used for fumigating, giving off dense fumes of nicotine. Excellent for aphids, thrip, white and green fly, also red spider. (For use in greenhouses only.) Per pkg., 60c.; \$6.50 per 12 pkgs.

**Arsenate of Lead.** For spraying trees and shrubs against the attacks of leaf-biting insects of all kinds, especially valuable for spraying to prevent the codling moth. It comes in paste form and dilutes 1 lb. to 25 gals. water. Per lb., 25c.; 90c. per 5 lbs.; per 10 lbs., \$1.65; \$3.25 per 25 lbs.; \$6.00 per 50 lbs.; per 100 lbs., \$11.00.

**Arsenate of Lead (Powdered).** 1 lb. dilutes to 50 gals. of water. 35c. per lb.; 5 lbs., \$1.50; \$2.75 per 10 lbs.; 25 lbs., \$6.00; \$10.50 per 50 lbs.; 100 lbs., \$20.00.

**Black Leaf 40.** A concentrated solution of nicotine Sulphate, an excellent spray for black aphids and sucking insects of all kinds; dilutes 1 part to 900 or 1000 parts of water, according to treatment. Full directions on each package. 1 oz., 25c.;  $\frac{1}{2}$  lb., 75c.; \$2.50 per 2 lbs.; 10 lbs., \$10.75.

**Bordeaux-Arsenate.** This is a combination of Arsenate of Lead and Bordeaux Mixture, in nature like Pyrox. Its use combines an application of Fungicide and Insecticide at one time. A pound dissolves with 5 gallons of water. It sticks to the foliage and will not wash off for a long period. 1 lb., 25c.; \$1.00 per 5 lbs.; 10 lbs., \$1.75; \$4.00 per 25 lbs.; 50 lbs., \$7.50; \$13.00 per 100 lbs.

**Bordeaux Mixture.** Used principally for mildew, blight and fungus diseases that affect potatoes and fruit trees. *Paste Form:* 1 qt., 50c.; \$1.35 per gal.; 5 gals., \$5.50. One gallon makes 50 gallons material. *Dry Form:* 1 lb., 25c.; 5 lb. pkg. (makes 30 gals.), \$1.00; \$1.75 per 10-lb. pkg. (makes 50 gals.).

**Boro-Wax.** For painting trees to destroy and keep away borers. 35c. per qt.;  $\frac{1}{2}$  gal., 60c.; per gal., \$1.00; \$5.00 for 6 gallons.

**Bug Death.** Largely used instead of Paris Green. It is claimed to have the same effect. The manufacturers say that it acts as a fertilizer as well as an insecticide. It comes in powder form, and is applied pure. Not poisonous to persons. Per lb., 15c.; 40c. per 3 lbs.; 5 lbs., 60c.; per 12 $\frac{1}{2}$  lbs., \$1.10; \$7.50 per 100 lbs. (Special Shaker for Bug Death, 25c.)

**Cal-Arsenate (Powdered).** This is also termed Arsenate of Lime, supposed to be an improvement on the powdered forms of Arsenate of Lead; is used for the same purposes as the latter, but is claimed to be 50 per cent. stronger. Dilutes 1 to 1 $\frac{1}{2}$  lbs. to 50 gals. water, or can be used dry. 1 lb., 30c.; \$1.25 for 5 lbs.; 10 lbs., \$2.25; \$4.25 for 25 lbs.

**Copper Solution.** Made of sulphate of copper and other materials. Excellent spray for carnation rust and diseases of the grape, pear, apple, and other fruits. A good thing to use for leaf blight and mildew. It is diluted in water. Per qt., 60c.; \$1.75 per gallon.

**Cut Worm Destroyer (Reade's).** For killing cut worms, grubs and maggots that work in the soil. 1 lb., 25c.; 5 lbs., 80c.; 10 lbs., \$1.25; \$2.50 for 25 lbs.; 100 lbs., \$7.50.

**Sodium Cyanide (Fused).** For fumigating. 30c.  $\frac{1}{4}$  lb.; lb., 90c. **Dalmatian or Persian Powder.** For ridding buildings of all kinds of insect pests; particularly for the smaller and creeping kinds. 20c. per  $\frac{1}{4}$  lb.;  $\frac{1}{2}$  lb., 35c.; 1 lb., 60c.; \$2.75 per 5 lbs.

**Death to Lice (Lambert's).** For plant lice, adhesive to foliage. 5 oz., 10c.; 25c. for 15 oz.

**Fir Tree Oil Soap.** This is very much like the Fir Tree Oil, except that it is in the shape of soft soap, and many prefer to use it in that way. It is dissolved according to directions in warm or hot water and used as a spray or wash. Per  $\frac{1}{2}$  lb., 25c.; 75c. per 2-lb. can.

**Fish Oil Soap.** For mild forms of Scale, and is an excellent summer spray, when something stronger cannot be used, where the San Jose Scale exists. It is nice for washing off Lemon trees, Oleanders, and almost anything that would be infested with a soft-shelled or in fact most any kind of insect. Dissolved in water according to various purposes. Per  $\frac{1}{2}$  lb., 10c.; 20c. per lb.; per 5 lbs., 60c.; \$1.10 per 10 lbs.; per 25 lbs., \$2.00; \$7.00 per 100 lbs.

**Fish Oil Soap (Good's Caustic).** Used extensively as a tree spray and as a summer remedy for San Jose Scale, it comes in a soft soap form and is easily dissolved, 1 lb. to 10 gals. water. 25c. per 1-lb. can; 5-lb. can, \$1.00; \$3.50 per 25-lb. can; 50 lbs., \$6.50; \$12.00 per 100 lbs. Barrel lots of about 425 lbs., at 9c. lb.

**Fungine.** An excellent remedy for fungous diseases of all kinds. 75c. per qt.; per gal., \$2.00.

**Getz There Soap.** Ideal for washing palms and spraying in place of Whale Oil Soap. 2 lbs., 40c.; \$1.00 for 8 lbs.; 25 lbs., \$2.50.

**Grape Dust.** A powder preparation used for mildew, aphids, black fly, and other insects and fungous diseases, principally in greenhouse. Per 5 lbs., 45c.; 80c. per 10 lbs.; per 25 lbs., \$1.90; \$6.75 per 100 lbs.

**Hellebore.** The ideal material for destroying rose bugs, currant worms, and other soft-shelled insects that infest the garden. It can be applied dry or in liquid form.  $\frac{1}{4}$  lb., 20c.; 35c. per  $\frac{1}{2}$  lb.; per lb., 60c.; 5 lbs., \$3.00.

**I X L Compound.** English preparation for spraying; harmless to very delicate plants. Kills mealy bug, red spider and all insect pests. \$3.50 per gallon.

**Hydrocyanic-Acid Gas (Fumigation with Sodium Cyanide Fused) (Poison).** Put four ounces of water in a galvanized iron pail, add to this 2 oz. of Sulphuric Acid, wrap an ounce of Sodium Cyanide in paper and place it in the bucket, which should be placed near the door of the greenhouse to afford quick exit. The above charge is sufficient for 1000 cubic feet of space. Don't open the greenhouse for at least 12 hours. One of the ventilating sash should be arranged so it can be opened from the outside to allow the fumes to escape entirely before entering. This is claimed to be the best remedy to absolutely kill the white fly. **Sodium Cyanide Fused (Poison),** 30c. per  $\frac{1}{4}$  lb.;  $\frac{1}{2}$  lb., 50c.; 90c. per lb. **Sulphuric Acid,** we do not supply, we advise to obtain same locally.

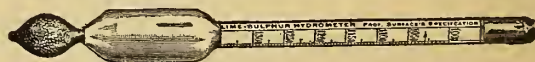
**Kerosene Emulsion (Liquid).** Diluted in water this makes an excellent spray for all mild forms of scale, and soft lice of any kind such as infest rose and fruit bushes, vegetables and trees. Dilutes 1 part to 20 parts of water. Per pt., 20c.; qt., 35c.; \$1.00 gal.; 5 gals., \$4.50; \$8.00 for 10 gals.

**Kil-o-Scale.** Destroys and prevents the spread of scale insects of all kinds. Its chief use is the destruction of the San Jose Scale, which prevails in all parts of this country. It is diluted, one part Kil-o-Scale to twenty parts water. Per pt., 30c.; 50c. per qt.; per  $\frac{1}{2}$  gal., 75c.; per gal., \$1.25; \$5.00 per 5 gals.; per 25 gals., \$21.25; per 50 gals., \$42.50.

**Lemon Oil Co's Insecticide.** The best and cheapest insecticide in the market. Used by nearly all the leading growers. It effectually destroys mealy bug, scale, thrip and red spider. Half pt., 25c.; pt., 40c.; qt., 75c.; half gal., \$1.25; gal., \$2.00; 5-gal. kegs, \$9.00; 10-gal. kegs, \$17.50.

**Lime Sulphur.** For destroying San Jose Scale. This is a concentrated form which is diluted 1 gal. to 12 or 15 gals. water, either hot or cold. May be used as a summer or winter spray, excellent to use as a fungicide. 25c. qt.;  $\frac{1}{2}$  gal., 45c.; 75c. gal.; 5 gals., \$2.25; \$3.75 for 10 gals.; 25 gals., \$6.00; \$9.00 per 50 gals.

**Lime Sulphur (Modoc Brand. Dry Powder Form).** Powdered Lime Sulphur is becoming very popular on account of the small expense for shipping. It is instantly soluble in either cold or hot water, dilute 1 lb. to 6 gals. of water; does not separate, keeps indefinitely. Lb., 25c.; \$1.00 for 5 lbs.; 10 lbs., \$1.50; \$3.00 for 25 lbs.; 50 lbs., \$4.50; \$6.50 per 100 lbs.



**CARBONDALE HYDROMETERS**

These are highly recommended by the Pennsylvania State Department of Agriculture for testing the gravity of Lime Sulphur solution; one should be in the hands of every man who uses this material. Price, \$1.00. (Postpaid, \$1.10.) With directions.



# Michell's Insect and Vermin Destroying Preparations

59

**Nicoticide.** Used as a spray or as a vapor, principally in the latter way, it is placed in a tin saucer with lamp underneath, and the nicotine fumes are thus distributed. It is very effective in destroying thrip, aphids, white fly, and red spider, etc. 1 oz. bottles, 25c. each; 2 oz. bottles, 50c. each; per ¼ pt., 70c.; per ½ pt., \$1.25; per pt., \$2.50; per qt., \$4.50; \$8.25 per ½ gal.; 1 gal., \$15.00. (Lamps for Nicoticide, 50c. each.)

**Nicotinana.** A nicotine solution for spraying and vaporizing. \$1.50 per qt.; per gal., \$4.50.

**Nicotine Cones** (See *Vapor Cones*).

**Nico-Fume (Liquid).** This is used in very much the same way as Nicoticide. Per ¼ lb. (about ¼ pt.), 50c.; \$1.50 per lb. (about 1 pt.); 4 lbs. (about ½ gal.), \$5.50; \$10.50, 8 lbs.

**Nico-Fume.** This is a paper treated with nicotine, giving off dense fumes of strong nicotine when ignited. Preferred by many who do not wish to pray or vaporize. Per box, 24 sheets, 85c.; per 144 sheets, \$4.00; per 288 sheets, \$7.50.

**Nikoteen.** One of the very best forms of tobacco or nicotine preparations, usually diluted in water, makes a most satisfactory spray as well as vapor, excellent for pea lice in the garden. ½ oz., 15c.; 4oz. for 1¾ oz.; 8 oz., 85c.; \$1.50 per pt.; gal., \$10.00.

**Paris Green.** The chief merit of this article is the destruction of the potato bug. It may be used in liquid form, 1 pound in 50 gallons of water, or with Land Plaster at the rate of 1 pound Paris Green to 100 pounds Land Plaster. 20c. per ¼ lb.; per ½ lb., 35c.; 65c. per lb.; \$2.75 per 5 lbs.; per 14 lbs., \$7.00.

**Pyrox (Bowker's).** A pasty substance used for all leaf-biting insects. It is really a Bordeaux and Arsenate of Lead combined and is excellent. Dilute 1 lb. to 5 gals. water. 25c. per lb.; 5 lbs., \$1.00; \$1.75 per 10 lbs.; 25 lbs., \$4.00; 50 lbs., \$7.50; \$13.50 per 100 lbs.; 300 lbs., \$38.00; \$60.00 per 500 lbs.

**Rat Corn.** For destroying rats and mice in greenhouses, hotbeds, etc. 15c., 25c., 50c. and \$1.00 per box.

**Rax.** Destroys rats and mice without injury to other animals; it mummifies them. 50c. per bottle.

**Readeana Rose Bug Exterminator.** Used for destroying rose bugs, green fly, mealy bug, blight, mildew, etc. 4-oz. bottle, 25c.; 8-oz. bottle, 50c.; \$1.00 per 24-oz. can; per gal., \$4.00.

**Sulphocide.** A summer spray against fungous diseases, one of the best preparations of its kind. 50c. pt.; qt., 75c.; \$2.00 per gal.

**Scalecide.** Used for the destruction of the San Jose Scale. Dilute at the rate of one gallon Scalecide to 20 gallons water. Scalecide does not clog nozzles, hose or pump, and is pleasant to use. 45c. per qt.; per gal., \$1.00; \$3.25 per 5 gals.; 10 gals., \$6.00; \$16.00 per 30-gal. bbl.; per 30-gal. jacketed tin, \$15.00; \$25.00 per 50-gal. bbl.

**Scale Destroyer.** For San Jose Scale, 1 gal. dilutes to 20 gals. water. Per qt., 35c.; 65c. per ½ gal.; per gal., \$1.00; \$3.75 per 5 gals.; 10 gals., \$7.50; 25-gal. bbl., \$13.00; per 50-gal. bbl., \$25.00.

**Shoo Fly.** For keeping flies off cattle and horses, used with a sprayer or a sponge, the cattle and horses are either sprayed or rubbed with the preparation in the morning before being put in the field or out to their day's work. Per qt., 35c.; \$1.00 per gal.; 5 gals., \$4.50.

**Slug Shot.** The standard remedy for currant worms, rose slugs, cabbage worms, and almost any soft-shelled insects that infest the vegetable or flower garden. 15c. per canister; per 5 lbs., 40c.; 75c. per 10 lbs.; 25 lbs., \$1.75; \$3.50 per 50 lbs.; 100 lbs., \$6.50. Full bbl. lots (about 250 lbs.), 5½c. per lb., f. o. b. Factory; 6c. per lb., f. o. b. Phila.

**Sulphate of Copper.** For destroying fungous diseases of all kinds, also used in making Bordeaux mixture, and for spraying potato vines in connection with Paris Green. Where used as a Bordeaux mixture it requires four pounds Sulphate of Copper to 6 pounds Lime, which is diluted in 50 gallons of water. Per lb., 40c.; \$3.60 per 10 lbs.

**Sulphur.** Used principally in greenhouses for checking mildew. It is also used as a preventive and cure for San Jose Scale when it is used in connection with lime and salt. Per lb., 10c.; 30c. per 5 lbs.; 25 lbs., \$1.25; \$4.00 per 100 lbs.

**Sulphur Candles.** For fumigating in sick-rooms, also in conservatories and greenhouses. Large, 20c. each; per doz., \$2.00; small, 10c. each; per doz., \$1.00.

**Thrip Juice (Hammond's No. 2).** This preparation is very effective against aphids, red spider, mealy bugs and sucking insects generally. 60c. pt.; qt., \$1.00; \$3.25 per gal.

**Thymo Cresol (Sheep Dip).** This preparation is used for disinfecting, etc.; it is also an excellent cold water sheep dip. Per 4-oz. bottle, 25c.; 4oz. per 8-oz. bottle; per pt., 50c.; per qt., 70c.; \$1.10 per ½ gal.; per gal., \$2.00.

**Tobacco Dust** for dusting only. Excellent for Lettuce and other plants to destroy soft, creeping insects. Per lb., 10c.; 25c. per 5 lbs.; per 10 lbs., 45c.; \$1.00 per 25 lbs.; 100 lbs., \$3.50.

**Tobacco Dust (Special).** For either fumigating or dusting. A specially prepared article; state which kind is wanted when ordering. 5 lbs., 35c.; 60c. per 10 lbs.; 25 lbs., \$1.35; \$2.00 per 50 lbs.; 5 lbs., \$3.50.

**Tobacco Soap (Sulpho).** A combination of tobacco extract and sulphur, fine for washing and spraying plants; dissolve in warm water. 3-oz. cake, 10c.; 20c. per 8-oz. cake; 10 lbs., \$2.50.

**Tobacco Stems (Fresh).** Used principally for fumigating and under benches in greenhouse. They may also be steeped in hot water and used as a spray. Per lb., 5c.; 20c. per 5 lbs.; per bu., 50c.; \$1.00 per bbl. bag; per large bale, \$3.50; \$14.00 per half ton; per ton, \$27.00.

**Tree Cord (Magic).** A sticky substance on cotton cord in 30-yard lengths; can be drawn from a can in which it is packed in lengths desired and cut off at will. It keeps caterpillars, gypsy and browntail moths from your trees. 30c. per can.

**Tree Tanglefoot.** A paste preparation for painting around the trunks of trees, in the form of a band. Caterpillars and other crawling pests cannot get over it. Per lb., 35c.; 3-lb. cans, 85c.; 10-lb. cans, \$2.75; \$5.25 per 20 lbs.

**Vaporite.** Vaporite is a gray non-poisonous powder which, when it comes into contact with soil, gives off a vapor. This vapor kills all underground insects such as Wireworms, etc. Vaporite is for soil application—not for the leaves of the plant. Vaporite should be uniformly distributed on the surface or in the soil among the insects, so that the gas evolved may destroy them. 1 lb., 15c.; 60c. per 5 lbs.; 10 lbs., 90c.; \$2.00 for 25 lbs.; 50 lbs., \$3.75; \$6.75 per 100 lbs.

**Vermine.** A soil sterilizer, a germicide. Will destroy worms, maggots, etc. It is usually applied at the time of preparing potting soil. Dilute at the rate of one part to 400 parts of water and thoroughly soak the soil. Stock unobtainable at this time.

**Worm Destroyer (For Earth Worms).** This preparation is made in England, where it is being applied to grass plots, putting greens, etc., with great success. It is a powder and is distributed over a given surface and soaked with water, which causes the worms to come to the surface, where they may be scooped up readily and further destroyed. It acts as a fertilizer as well as a worm destroyer.

Michell's Brand. 1 lb., 10c.; 45c. for 5 lbs.; 10 lbs., 75c.; \$1.50 per 25 lbs.; 50 lbs., \$2.50; \$4.00 for 112 lbs.; 560 lbs., \$18.75; \$34.00 for 1120 lbs.; 2240 lbs., \$62.50.

Carter's Brand. In 100-lb. bags only. \$5.00 per 100 lbs.; 500 lbs., \$19.00; \$37.50 per 1000 lbs.; 2000 lbs., \$70.00.

**Worm Eradicator (Reade's Electric).** This has been found to effectually destroy worms in greenhouse benches and in potted plants, or for outdoor use in the flower and vegetable garden, or among trees. 4-oz. bottle, 25c.; 8-oz. bottle, 50c.; \$1.00 per 24-oz. bottle; \$4.00 per gal.; \$17.50 per 5 gals.; 10 gals., \$35.00.

**Worm Eradicator (Radix).** Destroys worms in lawns, on tennis courts and putting greens. 1 gal. makes 100 gals. of treating liquid. \$2.00 per gal.; per 5 gals., \$9.25; \$37.50 per 25 gals. Powder form: 1 lb., making 30 gallons of liquid, 60c. per lb.; per 25 lbs., \$12.50; \$22.50 per 50 lbs.; per 100 lbs., \$40.00.

**Vapor Cones (Lethorion Nicotine).** An English invention providing nicotine in a solid form. The ideal fumigant for either large greenhouse or small conservatory. No. 1 will fumigate 1000 cubic feet, 15c. each, doz. \$1.50; No. 2 will fumigate 1500 cubic feet, 25c. each, doz. \$2.50; No. 3 will fumigate 2500 cubic feet, 30c. each, doz. \$3.00.

**Zenoleum.** A germicide and disinfectant. Liquid, ½ pt., 25c.; 50c. qt.; ½ gal., 90c.; \$1.50 gal. Powder, 25c. per 16-oz. pkg.



# PLANT TUBS, FLOWER POTS, SAUCERS, Etc.

## CEDAR TUBS

Equipped with Strong Iron Hoops

These are made by hand, of the very best white cedar painted green. They will be found very much superior to lower priced cedar tubs.



Cedar Plant Tub

No.	Outside Diam.	Length of stave outside	Black Iron Hoop	Galv. Hoop
No. 0....	27 in.	24 in.	\$5.50	\$6.00
No. 1....	25 "	22 "	5.00	5.50
No. 2....	23 "	20 "	4.50	4.90
No. 3....	21 "	18 "	4.00	4.40
No. 4....	19½ "	16 "	3.00	3.35
No. 5....	18 "	14 "	2.75	3.10
No. 6....	16½ "	13 "	2.25	2.55
No. 7....	15 "	12 "	2.00	2.30
No. 8....	12 "	10 "	1.75	1.95

Tubs cannot be sent Parcel Post.

## MICHELL'S KEYSTONE PLANT TUBS



Made of white cedar, painted green and bound with strong electric welded wire hoops, which do not rust. Handles are sold separately at 10c. per pair. Not attached to tub.

No.	Inside Diam.	Depth	Each
6.....	11 inches	10 inches	\$0.80
7.....	12 "	11 "	.95
8.....	13 "	12 "	1.05
9.....	14 "	13 "	1.15
10.....	15 "	14 "	1.35
11.....	16 "	15 "	1.50
12.....	17 "	16 "	1.75
13.....	18 "	17 "	1.90
14.....	19 "	18 "	2.25

Tubs cannot be sent by Parcel Post.



## WOOD FIBRE PLANT TUBS

Complete, with saucers.

These are very attractive for living room and conservatory.

	Green Enameled Each	Mahogany Color Each
10 inch.....	\$1.00	\$0.68
14 inch.....	2.10	1.58

These tubs cannot be mailed.

## FERN DISH LINERS

These cannot be sent by Parcel Post.

Very shallow, for inside of fancy silver or porcelain ferneries.

Width	Depth	Each	Doz.	100
7 in.	1½ in.	\$0.12	\$1.00	\$6.00

## ROLLING STANDS (Wood Fibre)



Ins.	Parcel Post Weight	Pot	Will fit Tub	Each	Doz.
12....	2 lbs.	10 in.	No. 8	\$0.65	\$7.41
14....	2½ lbs.	12 "	" 8	.75	8.55
16....	3 lbs.	14 "	" 8	.90	10.26
18....	3½ lbs.	16 "	" 7-6	1.00	11.40
20.....			" 5	1.25	14.25
22.....			" 4	1.50	17.10



## WOOD FIBRE SAUCERS

Extremely desirable on account of being absolutely waterproof.

Ins.	Parcel Post Weight	Each	Doz.	100
5 inches.....	¼ lb.	\$0.13	\$1.48	\$11.70
6 ".....	¼ lb.	.14	1.54	12.15
7 ".....	½ lb.	.15	1.71	13.50
8 ".....	½ lb.	.16	1.82	14.40
9 ".....	¾ lb.	.18	2.05	16.20
10 ".....	¾ lb.	.19	2.17	17.10
12 ".....	1¼ lbs.	.22	2.51	19.80
14 ".....	1½ lbs.	.30	3.42	27.00
16 ".....	2 lbs.	.50	5.70	45.00
18 ".....	2½ lbs.	.60	6.84	54.00
20 ".....	3 lbs.	.90	10.26	81.00
22 ".....	5 lbs.	1.10	12.54	99.00



## EARTHENWARE SAUCERS

These cannot be sent by Parcel Post.

	Each	Doz.	100
4 inches.....	\$0.02	\$0.15	\$1.12
5 ".....	.03	.18	1.40
6 ".....	.04	.24	1.88
7 ".....	.05	.31	2.40
8 ".....	.06	.47	3.60
9 ".....	.08	.62	4.80
10 ".....	.09	.78	6.00
11 ".....	.11	.94	7.20
12 ".....	.15	1.17	9.00
14 ".....	.25	1.95	15.00



Fern Liner



## EARTHEN FERN PANS

These cannot be sent by Parcel Post.

Width	Height	Each	Doz.	100
4 in.	1½ in.	\$0.04	\$0.31	\$1.65
4¾ "	2½ "	.05	.33	2.20
5½ "	2½ "	.06	.41	2.75
6¼ "	2½ "	.07	.49	3.30
7 "	2½ "	.09	.55	3.85
8 "	3½ "	.11	.79	5.50
9 "	3¾ "	.15	.95	6.60

## EARTHEN FLOWER POTS

These cannot be sent by Parcel Post.



Height and Width Inside	Each	Doz.	100	1000
2 inches.....	\$0.01	\$0.07	\$0.50	\$3.96
2¼ ".....	.01	.08	.56	4.45
2½ ".....	.02	.09	.69	5.45
3 ".....	.02	.11	.88	6.93
3½ ".....	.02	.14	1.06	8.41
4 ".....	.02	.18	1.38	10.89
4½ ".....	.03	.24	1.88	14.85
5 ".....	.03	.32	2.50	19.80
5½ ".....	.05	.41	3.13	24.75
6 ".....	.05	.49	3.75	29.70
6½ ".....	.07	.62	4.80	44.00
7 ".....	.08	.78	6.00	55.00
8 ".....	.11	1.09	8.40	77.00
9 ".....	.16	1.56	12.00	110.00
10 ".....	.22	2.11	16.20	148.50
11 ".....	.29	2.81	21.60	
12 ".....	.40	3.90	30.00	
14 ".....	.80	7.80	60.00	

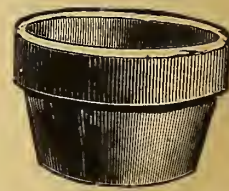
## PAPER FLOWER POTS

Ins.	Parcel Post Weight per doz.	per 100	Doz.	100	1000
2¼....	3 ozs.	2 lbs.	\$0.08	\$0.35	\$3.00
2½....	3 ozs.	2 lbs.	.10	.40	3.25
3....	5 ozs.	2 lbs.	.12	.55	4.50
3½....	7 ozs.	3 lbs.	.18	.70	6.00
4....	8 ozs.	4 lbs.	.20	.95	7.50
5....	15 ozs.	7 lbs.	.25	1.40	12.50
6....	2 lbs.	11 lbs.	.30	1.80	17.00

## EARTHEN BULB PANS

These are fine for planting with bulbs, for ferns and other compact plants.

These cannot be sent by Parcel Post.



Diam. Inside	Each	Doz.	100
6 inches.....	\$0.07	\$0.68	\$3.75
7 ".....	.08	.78	4.80
8 ".....	.10	.98	6.00
9 ".....	.15	1.30	8.40
10 ".....	.20	1.63	10.80
12 ".....	.25	2.28	15.00
14 ".....	.50	4.55	30.00
16 ".....	.90	7.80	60.00
18 ".....	1.25	11.70	90.00

## SEED PANS (Earthenware)



Seed Pan

These cannot be sent Parcel Post.

Inches	Each	Doz.
6....	\$0.20	\$2.00
8....	.25	2.50
10....	.30	3.00
12....	.40	3.50

## AZALEA POTS

These cannot be sent by Parcel Post.

Width	Height	Each	Doz.	100
5 in.	4½ in.	\$0.04	\$0.32	\$2.50
6 "	5 "	.06	.51	3.93
7 "	6 "	.09	.82	6.30
8 "	7 "	.12	1.14	8.82
9 "	7½ "	.16	1.56	12.00
10 "	8 "	.24	2.21	17.00



# MICHELL'S Rustic and Ornamental BIRD HOUSES

In the past few years there has been revived a great interest everywhere in birds.

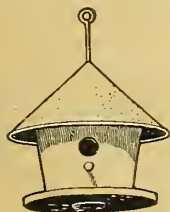
Birds come North for the special purpose of finding a proper nesting place for the rearing of their young. If we provide bird houses and shelter they will stay with us, otherwise they will pass on and their pleasurable influence is lost.

Comparatively few of us recognize the great economic value

of birds. Particularly the bluebirds, house wrens and martins are very easily domesticated. Their favorite nesting sites are bird houses made for their use which may be placed about the garden, farm or orchards. As reut, these grateful birds pay amply, by destroying millions of insects annually.

## MICHELL'S WREN HOUSES

Place Wren Houses near your dwellings; the wren is hardly ever known to nest off in the woods. If not disturbed, they will become very tame. These Wren Houses are made with 1-inch holes so that sparrows cannot disturb the occupants.



No. 1—For Wrens  
\$1.25  
(Not Mailable)



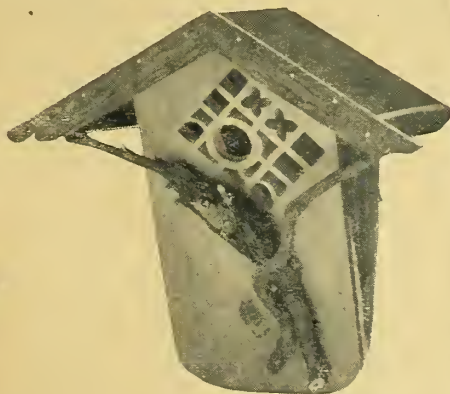
No. 50. Price, \$1  
Hanging Wren House  
P. P. Weight, 3 lbs.



No. 11. Price, \$1.25 No. 13. Price, \$1.25 No. 9. Price, \$1.25  
P. P. Weight, 3 lbs. P. P. Weight, 3 lbs. P. P. Weight, 3 lbs.



No. 12. Price, \$1.25  
Made to Swing



No. 28. The Wren "House  
Beautiful." Price, \$2  
P. P. Weight, 4 lbs.

## MARYLAND WREN BOX

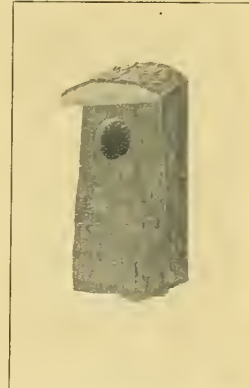


These are very useful as well as ornamental, for putting on trees or fastening on buildings. Painted red and green, very attractive. 35 cts. each, 3 for \$1. Parcel post weight each 1 lb.

## MISCELLANEOUS BIRD HOUSES

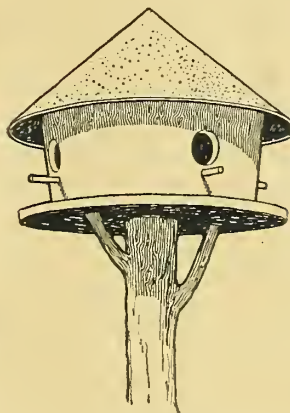


No. 22. Price, \$1.25

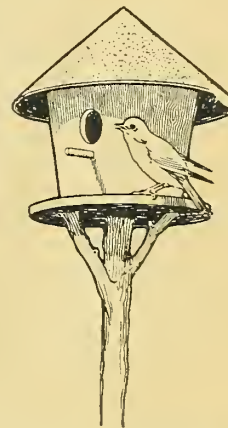


No. 25. Price, \$1

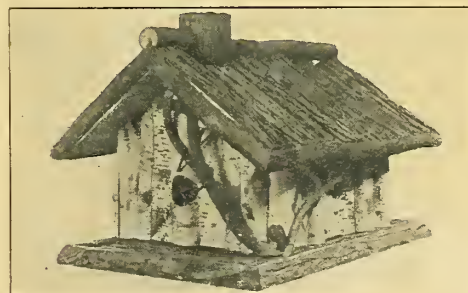
Houses for Woodpecker, Nuthatch, Chickadees, etc.  
P. P. Weight, 3 lbs.



No. 3—Scoutcraft Style  
for Martins  
\$3.25 (Not Mailable)



No. 2—For Bluebirds  
\$1.50. (Not Mailable)



No. 77. For Martins. Price, \$6. (Not Mailable)  
No. 8. 14-room Martin House. (Not Illustrated). \$20.00.  
No. 4. 8-room Martin House. (Similar Constructed Like No. 3). \$4.25.  
(No. 4 and No. 8 are Not Mailable.)



# A WEED KILLER FOR USE ON LAWNS

THE NEW WAY



Showing method of applying CLIMAX LAWN SAND for destroying weeds in lawns.

## CLIMAX LAWN SAND

"Climax Lawn Sand" is a unique combination of finely ground chemicals, which, when sprinkled over the grass, possess the remarkable property of destroying Moss, Chickweed, Plantains, Dandelion, and all other weeds on Lawns, Tennis Courts, Golf Greens, etc., at the same time promoting the growth of the finer grasses.

"Climax Lawn Sand" may be applied any time during the growing season of the year, namely, from beginning of April to the end of October.

The lawn must be absolutely dry; by that is meant that no rain or dew must be visible on the grass.

Ten to twelve a. m. during the months of April, May and October, nine to twelve a. m. during June, July, August and September.

Only apply in fine weather when the temperature is fairly high and when no rain appears likely for a day or two. This is most important.

After applying, the weeds blacken and die; the grass usually also becomes blackened and may remain so for a few days, but it quickly recovers its color, and young growths appear on the bare spots previously occupied by the weeds.

Should the weather be very hot and dry, the lawn should be thoroughly watered at the expiration of 48 hours after the application.

It acts as one of the most powerful fertilizers for grasses if applied as a top-dressing in the early spring. For top dressing as a fertilizer apply  $\frac{1}{4}$  ton per acre.

### QUANTITY REQUIRED AS A WEED DESTROYER

3 1/2 lbs. will dress	150 square feet	\$ 0.40	} Allow for Postage if desired by mail
7 " " " "	250 " " " "	.75	
14 " " " "	500 " " " "	1.25	
28 " " " "	1000 " " " "	2.00	
56 " " " "	2000 " " " "	3.50	
112 " " " "	4000 " " " "	6.00	
560 " " " "	20,000 " " " "	25.00	
1,120 " " " "	40,000 " " " "	45.00	

Send for complete Descriptive Circular

# MICHELL'S TARGET BRAND WEED KILLER



Liquid Weed Killer can effectively be distributed with a watering can or in a sprinkling wagon.

An effective combination of high-grade chemicals which, diluted in water at 1 to 50, destroys the roots as well as the tops of all weeds and vegetation to which it is applied.

One gallon diluted is sufficient to cover 100 to 150 square yards; and one or two applications are sufficient for an entire season. Does not injure marble, cement or fencing. The best time for applying is just after a rain.

### PRICES OF "TARGET BRAND" WEED KILLER

Per quart . . . . .	Makes 51 quarts .	\$0.45
" 1/2 gallon . . . . .	" 25 1/2 gals. .	.65
" gallon . . . . .	" 51 gals. .	1.15
" 5-gallon can " . . . .	" 255 " . .	5.00
" 10-gallon can " . . . .	" 510 " . .	9.50
" 25-gallon can " . . . .	" 1275 " . .	20.00
" 50-gallon barrel " . . .	" 2550 " . .	37.50

## Herbicide Weed Killer

50c. per quart, makes 10 gals. of treating liquid. 1/2 gallon, 80c., makes 20 gals. of treating liquid. 1 gallon, \$1.50, makes 41 gals. of treating liquid. 2 gallons, \$2.75, makes 82 gals. of treating liquid. 5 gallons, \$5.50, makes 205 gals. of treating liquid. 10 gals., \$10.00, makes 410 gals. of treating liquid. 25 gals., \$21.50, makes 1025 gals. of treating liquid. 50 gals., \$35.00, makes 2050 gals. of treating liquid.

LIQUID WEED KILLERS CANNOT BE MAILED

## Erado Weed Gun

Don't Continue Pulling Weeds. Destroy the Roots and the Tops Cannot Reappear

By the use of the apparatus "Herbicide" may be used safely and effectively on lawns for removing dandelions, burdock, and other weeds that ruin a lawn.

This device is as handy as a cane, which it resembles: a reservoir, which holds about 2 quarts of liquid, is filled with Herbicide diluted and used for destroying weeds of all kinds in lawns without hurting the grass. It is 33 inches long and can be used very conveniently. The idea being

to fill the reservoir and press the sharp point of the gun into the heart of the weed until the flat stay pieces touch the ground, when a quantity sufficient to kill the weed treated is discharged into the heart of the weed which is destroyed for all time. The use of this apparatus provides healthy pasture for the suburbanite, who otherwise does not care for garden work. Price, \$1.50. All brass. Parcel Post Weight, 2 lbs.

## The Wikeham Eradicator and Climax Weed Killer

The Eradicator is a tubular staff 36 inches long, and can be filled with "Climax Weed Killer." You push the point of the Eradicator when same is loaded into the crown and root of the dandelion and the root is forever destroyed without the least injury to the surrounding grasses.

Wikeham Weed Eradicator (complete), \$4.00. Weight 2 lbs.

Climax Weed Killer, Tin, No. 1 (enough to make 28 gallons of liquid), \$1.50. Weight 3 lbs.

**SPECIAL OFFER.**—A Wikeham Weed Eradicator and a can of Climax Weed Killer, \$5.00; weight together 5 lbs. (Allow for postage if wanted by mail).

HENRY F. MICHELL COMPANY, 518 Market Street, PHILADELPHIA